



Informazioni su questo libro

Si tratta della copia digitale di un libro che per generazioni è stato conservata negli scaffali di una biblioteca prima di essere digitalizzato da Google nell'ambito del progetto volto a rendere disponibili online i libri di tutto il mondo.

Ha sopravvissuto abbastanza per non essere più protetto dai diritti di copyright e diventare di pubblico dominio. Un libro di pubblico dominio è un libro che non è mai stato protetto dal copyright o i cui termini legali di copyright sono scaduti. La classificazione di un libro come di pubblico dominio può variare da paese a paese. I libri di pubblico dominio sono l'anello di congiunzione con il passato, rappresentano un patrimonio storico, culturale e di conoscenza spesso difficile da scoprire.

Commenti, note e altre annotazioni a margine presenti nel volume originale compariranno in questo file, come testimonianza del lungo viaggio percorso dal libro, dall'editore originale alla biblioteca, per giungere fino a te.

Linee guida per l'utilizzo

Google è orgoglioso di essere il partner delle biblioteche per digitalizzare i materiali di pubblico dominio e renderli universalmente disponibili. I libri di pubblico dominio appartengono al pubblico e noi ne siamo solamente i custodi. Tuttavia questo lavoro è oneroso, pertanto, per poter continuare ad offrire questo servizio abbiamo preso alcune iniziative per impedire l'utilizzo illecito da parte di soggetti commerciali, compresa l'imposizione di restrizioni sull'invio di query automatizzate.

Inoltre ti chiediamo di:

- + *Non fare un uso commerciale di questi file* Abbiamo concepito Google Ricerca Libri per l'uso da parte dei singoli utenti privati e ti chiediamo di utilizzare questi file per uso personale e non a fini commerciali.
- + *Non inviare query automatizzate* Non inviare a Google query automatizzate di alcun tipo. Se stai effettuando delle ricerche nel campo della traduzione automatica, del riconoscimento ottico dei caratteri (OCR) o in altri campi dove necessiti di utilizzare grandi quantità di testo, ti invitiamo a contattarci. Incoraggiamo l'uso dei materiali di pubblico dominio per questi scopi e potremmo esserti di aiuto.
- + *Conserva la filigrana* La "filigrana" (watermark) di Google che compare in ciascun file è essenziale per informare gli utenti su questo progetto e aiutarli a trovare materiali aggiuntivi tramite Google Ricerca Libri. Non rimuoverla.
- + *Fanne un uso legale* Indipendentemente dall'utilizzo che ne farai, ricordati che è tua responsabilità accertarti di farne un uso legale. Non dare per scontato che, poiché un libro è di pubblico dominio per gli utenti degli Stati Uniti, sia di pubblico dominio anche per gli utenti di altri paesi. I criteri che stabiliscono se un libro è protetto da copyright variano da Paese a Paese e non possiamo offrire indicazioni se un determinato uso del libro è consentito. Non dare per scontato che poiché un libro compare in Google Ricerca Libri ciò significhi che può essere utilizzato in qualsiasi modo e in qualsiasi Paese del mondo. Le sanzioni per le violazioni del copyright possono essere molto severe.

Informazioni su Google Ricerca Libri

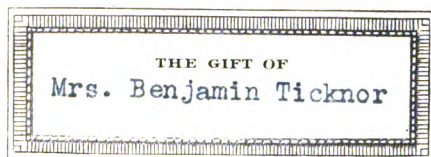
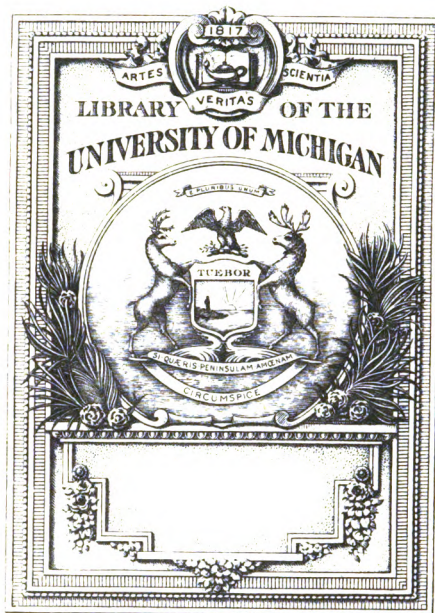
La missione di Google è organizzare le informazioni a livello mondiale e renderle universalmente accessibili e fruibili. Google Ricerca Libri aiuta i lettori a scoprire i libri di tutto il mondo e consente ad autori ed editori di raggiungere un pubblico più ampio. Puoi effettuare una ricerca sul Web nell'intero testo di questo libro da <http://books.google.com>

This is a reproduction of a library book that was digitized by Google as part of an ongoing effort to preserve the information in books and make it universally accessible.

Google™ books

<https://books.google.com>





B

652699

892.45

B978

1839

B. Pickman

A

G R A M M A R

OF THE

HEBREW LANGUAGE.

BY

GEORGE BUSH,

PROF. OF HEB. AND ORIENT. LIT. IN THE NEW-YORK CITY UNIVERSITY.

SECOND EDITION CORRECTED AND ENLARGED.

NEW-YORK:

PUBLISHED BY GOULD, NEWMAN & SAXTON,

CORNER OF FULTON AND NASSAU STREETS.

1839.

**Entered according to act of Congress, in the year 1839,
By GEORGE BUSH,
In the Clerk's Office of the District Court of the Southern District of New-York.**

J. F. Trow, Printer.

at.
Mr. Benjamin Ticknor

P R E F A C E.

It is not without considerable hesitation that I have concluded to insert the words 'Second Edition' in the title-page of this Grammar. It is in all essential points a new and independent work, written with little reference to its predecessor, and retaining but few of its distinguishing features. The simple fact that it is a work on the same subject, and by the same author, is all that I can adduce to justify the appellation.

The reasons which have prompted so entire a re-modelling of the original work are of a multifarious character, some of which are more easily felt than described. A desire to avail myself of the friendly hints of many eminent scholars and teachers of Hebrew led me, in the first instance, to endeavor, without making any material alteration in the plan, simply to correct what was erroneous, to supply what was defective, and to elucidate what was obscure, in the former edition. But it struck me, as I proceeded, that in the present state of Hebrew learning in our country, the attempt might be safely made to incorporate in my work some of the results of the recent labors of German philologists in this department. As a marked advance has been made of late years in explaining the reasons of many of the facts of the language, it seemed desirable to unite with the purposed simplicity of the former treatise, such a scientific view of the interior principles and structure of the Hebrew, as should satisfy the inquiries of the intelligent learner. But as this could not be done without losing sight, in great measure, of the previous work, I soon resolved upon re-writing the whole.

In the execution of this plan I lay claim to no merit but that of having attempted to make a judicious use of the materials furnished by those who have gone before me in the same field. From these I have selected and arranged, with my best judgment, whatever seemed adapted to the design of a sound practical system of Hebrew Grammar. Without an intentional adherence to any particular school, I must perhaps acknowledge myself most largely indebted to the labors of Ewald, of whose grammatical works a fuller account is given in the Introduction. To him I wish particularly to assign the credit of two among the most valuable and interesting features of my work: I allude to the doctrine of the *Floating Sheva* and the *Fore-tone*; which under his plastic hand are made to solve very happily some of the leading problems of the punctuation. In addition to Ewald, the Grammars of Gesenius, Jahn, Lee, Schröder, Roorda, Hurwitz, and Stuart, have been constantly before me, as well as those of the older school of Buxtorf and Opatius, all which, by various suggestions, have contributed more or less to give form and character to my own. To Gesenius especially I am indebted for the illustration (p. 42) of the mutual vocal relations of *a, e, i, o, u*, by means of the triangular diagram.

To the very valuable Grammar of my friend and official associate, Prof. Nordheimer, I have made occasional references, and they would probably have been still more numerous but for the fact, that the body of my work was entirely written before I became aware of his intention to publish. Had I known it at an earlier date I might have questioned the expediency of going on with my own undertaking. Perhaps it had been wiser to have waved it, as it was; but one is slow to come to a decision that would require him to throw away the labor of many months; and as I perceived that our several plans were in many respects different, I determined on the whole to cast my bread also upon the waters. It is due, however, to Prof. N. to say, that with a singular freedom from the influences that often weigh with authors, he has evinced from the first a kindly interest in my enterprise, and proffered every assistance in his power in conducting the work through the press. For this generous service, and for the many valuable suggestions on the subject of Hebrew Grammar and Philology in general, derived from my intercourse with him, I am happy in this opportunity of expressing my unfeigned thanks.

Nor will gratitude for literary courtesies allow me to pass unnoticed the aid very kindly tendered in correcting the proof-sheets of the latter half of the volume by Prof. J. Seixas, a well known teacher of Hebrew in the United States. My only regret is that circumstances did not permit him to afford to my pages from the outset the benefit of his accurate revisals. As it is, although the portion submitted to his practised eye is more especially free from errors of the press, yet I think I may assure the reader of the *general* typographical correctness of the whole work. Occasional inaccuracies in the vowel-pointing or letters may here and there be detected additional to those that appear in the table of Errata, but they are mostly of a very trifling nature, and the learner may go forward in the full confidence of not being misled in any important point, either through the lapse of type or pen. Extraordinary care particularly has been bestowed in this respect upon the Analysis of the First Chapter of Genesis at the close of the volume, which will be found of great service as a Praxis for the beginner, and the use of which will perhaps supply the best test of the adaptedness of the Grammar to its objects. This Analysis might have been considerably extended, but it is believed that after the thorough initiation into the vowel structure of the language, he will have little difficulty in solving any apparent mysteries that may occur in his subsequent progress.

With an earnest hope that the work may conduce somewhat to the furtherance of the interests of Hebrew literature—but another name for *sacred philology*—the author commends it to the favor of the public.

G. B.

New York, July 1st, 1839.

CONTENTS.

PART I.

LETTERS, SOUNDS, AND SIGNS.

	Page
CHAP. I. <i>The Alphabet,</i>	28
Observations on the Letters,	32
Method of Notation,	33
Classification of the Consonants,	34
CHAP. II. <i>Vowel System,</i>	36
Vowel Signs,	39
Vowel Sounds and Letters,	41
Observations on the Vowels,	44
CHAP. III. <i>Syllabication,</i>	47
Sheva,	49
Composite Sheva,	53
Patah Furtive,	55
Dagesh,	55
Dagesh Forte,	55
" Lene,	57
Mappiq,	59
Raphe,	60
CHAP. IV. <i>Hebrew Accents,</i>	60
Exegetical Use of the Accents,	62
Rhetorical " "	66
Maqqeph,	67
Metheg,	68
Quiescents,	70
Distinction of Kamets and Kamets Hateph,	71
Praxis in Reading,	73
Laws of the Tone,	75
Pause Accent,	79

PART II.

CONSONANT AND VOWEL CHANGES.

CHAP. I. <i>Consonant Changes,</i>	81
Gutturals and Resh,	84
Quiescents,	88
Of ך and ך,	88
Of ך and ך,	89

CHAP. II. <i>Vowel Changes in General,</i>	92
Immutable Vowels,	93
Mutable Vowels,	93
Synopsis of Vowel Changes,	93
Shortening the Long Vowels,	96
Lengthening the Short Vowels,	96
Effects of Accession,	97

PART III.

GRAMMATICAL STRUCTURE AND FORMS.

CHAP. I. <i>Hebrew Roots,</i>	100
CHAP. II. <i>The Article,</i>	102
CHAP. III. <i>The Pronoun,</i>	104
Personal Pronouns,	104
Demonstrative Pronouns,	107
Relative Pronouns,	108
Interrogative Pronouns,	109
CHAP. IV. <i>The Verb,</i>	110
Inflection,	113
Classes,	115
Modes,	117
Tenses, ¹	118
Preterite,	119
Future,	120
Peculiar Affections of the Tenses,	121
Paragogic Future,	121
Apocopated Future,	123
Vav Conversive Future,	124
Vav Conversive Preterite,	125
Participle,	126
CHAP. V. <i>Form, Signification, &c., of the Usual Conjugations,</i>	127
Formation, Signification, and Paradigm of Kal,—Remarks,	127
" " " Niphal, "	133
" " " Piel, "	136
" " " Pual, "	140
" " " Hiphil, "	142
" " " Hophal, "	146
" " " Hithpael, "	148
Unusual Conjugations,	154
CHAP. VI. <i>Verbs with Gutturals,</i>	154
Verbs whose First Radical is a Guttural,	155
Verbs ב Guttural,—Remarks,	155
Verbs whose Second Radical is a Guttural,	159
Verbs ג Guttural,—Remarks,	159
Verbs whose Third Radical is a Guttural,	162
Verbs כ Guttural,—Remarks,	162

CONTENTS.

xi

CHAP. VII. Irregular Verbs,	164
Verbs whose First Radical is a Nun,	164
Verbs נ"ן—Remarks,	164
Verbs whose First Radical is Yod,	168
Verbs י"י—1st Class—Remarks,	168
Verbs י"י—2d Class—Remarks,	172
Verbs י"י—3d Class—Remarks,	174
Verbs whose Second Radical is Vav,	176
Verbs ו"ו—Remarks,	176
Verbs whose Second and Third Radicals are alike,	180
Verbs װ"װ—Remarks,	180
Verbs whose Third Radical is Aleph,	185
Verbs א"א—Remarks,	185
Verbs whose Third Radical is He,	189
Verbs ה"ה—Remarks,	189
Apocopated Future of Verbs ה"ה,	191
Interchange of Forms between Verbs א"א and ה"ה,	196
Verbs Doubly Anomalous,	196
CHAP. VIII. Verbs with Pronominal Suffixes,	198
Paradigm of Suffixes,	200
Remarks on the Verbal Suffixes,	202
Rare and Anomalous Suffix Formations,	205
Contracted Suffix Forms,	206
CHAP. IX. The Noun,	207
Classification,	207
Ord. I. Nouns consisting of the Radical Letters	208
Ord. II. Nouns having one or more of the Radicals doubled,	214
Ord. III. Nouns augmented by adventitious Letters,	215
CHAP. X. Nominal Flexion,	217
Gender,	217
Number,	219
Dual,	224
Construct State,	225
Tabular View of Nouns in the Construct State,	227
Remarks,	229
Nominal Suffixes,	230
Paradigm of Nominal Suffixes,	233
Remarks,	233
Adjectives,	235
Degrees of Comparison,	236
Numerals,	237
Cardinals,	237
Ordinals,	239
Fractional Numbers,	240
Position of Numerals in a Sentence,	240
CHAP. XI. Particles,	241
Separable Particles,	242

Adverbs,	242
Prepositions,	243
Inseparable Particles,	243
Conjunction ו,	244
ה Interrogative,	244
ה Local,	245
ה Paragoric,	245
Compound Particles,	245
Particles with Suffixes,	245
Paradigm of Particles with Suffixes,	248
Interjections,	250

PART IV.

SYNTAX.

Syntax,	253
Appendix I,	267
" II,	268
" III.	273

ERRATA.

- Page 32, 7, read כ for כ, and פ for פ.
- " 62, (b), for "latter" read "former."
- " 73, § 20, for *ve-â-hâ-retz* read *ve-hâ-â-retz*.
- " 73, ANALYSIS, for קָא read קָא; and for קִירָא read קִירָא.
- " 87, 8, after the word "Gutturals" add "and ק."
- " 103, 2, for § 22. 4 read § 24. 4.
- " 104, 2, after "Guttural" add "or ק."
- " 103, 5, dele "almost."
- " 155, § 53, 2, for § 25. 6 read § 25. 8.
- " 165, 4, for "with Inf." read "with Suff."
- " 170, 1, after "Gen. 2. 7." add 19.
- " 226, (b), after "ח" put "or ח."
- " 243, bot. line, for § 26. 3 read § 26. I, 2, 3.
- " 267, 2, for קָא, קָא read ח for ח in both cases.

INTRODUCTION.

OF THE SHEMITIC LANGUAGES GENERALLY.

1. *Extent and Affinities.* The Hebrew is but one branch of a widely extended family of languages anciently pervading Southwestern Asia, especially the countries of Palestine, Mesopotamia, Babylonia, Arabia, and also Ethiopia. A name universally and by common consent applied to designate this group of languages is yet wanting. In the mean time, the title *Semitic* or *Semitic* is becoming very generally adopted, and has the advantage at least of being easily intelligible. It is founded on the fact, that the nations speaking these languages were, for the most part, descended from Shem. This circumstance gives the term a propriety sufficient perhaps to warrant its permanent retention. Certain it is, that the epithet *Oriental*, sometimes applied to them, is altogether too comprehensive.

2. The several branches composing this original stock of tongues, all of which are closely related to each other, may be classed as follows:—

I. The *Aramaic* ; spoken by the posterity of Aram, the fifth son of Shem, who occupied the countries bordering on the Euphrates and Tigris. This was again subdivided into two dialects ; (1) The *Chaldaic*, or Eastern Aramaic ; (2) The *Syriac*, or Western Aramaic ; the former spoken in Mesopotamia and about Babylon ; the latter in Syria, or the region southwest of the Euphrates.

II. The *Hebrew* ; with which may be classed the remains of the Phœnician or Canaanitish. Of this latter the only fragment still preserved is the specimen of its Punic or Carthaginian

daughter, exhibited in the *Pœnulus*, one of the plays of Plautus, and which is decidedly Shemitic in its character.*

III. The *Arabic*, with the closely related *Ethiopic*.

IV. The *Samaritan*; properly perhaps a dialect of the *Aramaic*, but with a mixture of Hebrew forms, and important from its containing a very ancient translation of the *Pentateuch*.

The close agreement of these dialects will be at once obvious, from the subjoined specimen of the invocation and the two first petitions of the Lord's Prayer, as rendered into each. In this specimen the reader will observe, that in the literal English translation prefixed, the words answering to the *suffixes* in the several originals are printed in *Italics*, and joined by hyphens to the words with which they are appropriately connected.

L.—Father-our *which-in-heaven*.

אבנא	Heb.	<i>Abinu shebishshamaim.</i>
	Chal.	<i>Abuna debishma.</i>
	Syr.	<i>Abun debashmayo.</i>
	Arab.	<i>Abana'-l ladhi ph-i' s samanati.</i>
	Ethiop.	<i>Abuna zabasamayat.</i>

II.—Hallowed (be) name-*thy*, come kingdom-*thy*.

	Heb.	<i>Yithqaddesh shemeka, tabo malkutheka.</i>
	Chal.	<i>Ithqaddesh shemka, tita malkutheka.</i>
	Syr.	<i>Nethqaddesh skemok, tile malkuthok.</i>
	Arab.	<i>Leyata qaddasi' 'semuka, leyati malkutuka.</i>
	Ethiop.	<i>Yeleaqaddas samaka, temetza manegseteka.</i>

3. These languages are mostly of the class termed *dead*, or if living, which live only in inconsiderable districts. The *Arabic*, however, is an exception; this being one of the most extensively spoken of all living tongues, though not in its primitive purity.

* Ten lines are given together with a Latin translation in the *Pœnulus*; but the first will afford sufficient proof of the Shemitic origin of the language. This has been satisfactorily arranged by Bochart, and according to the reading of Lambinus's edition, is 'Ny th Alonim v Alonuth si corath ismacon sith,' which Plautus himself translates, 'Deos Deasque veneror, qui hanc urbem colunt.' Now this, if transferred to Hebrew and read with points, as in the *Hexapla*, will be

אז עליונים ועליונות שקרה יסמכון זות

That is, 'Na eth Elionim v'Elionuth sechorath ismecun zoth;' of which the literal translation, is 'Rogo Deos Deasque, qui hanc urbem sustinent,' *I beseech the Gods and Goddesses who sustain this city.*

Bordering on the Shemitic on the East and the North is another still more extended stock of languages ranging from India to the western limits of Europe, and which, from embracing in its different ramifications the Indian (Sanskrit), the old and new Persian, the Greek, the Latin, the Gothic, the German, and perhaps we may add the Slavic, may be denominated the *Indo-Germanic*, or *Indo-European*. The Chinese, Japanese, and Malayan, are of a fundamentally different genius.

4. *Peculiarities.* The grammatical structure of these languages is distinguished by peculiar traits, of which the following are the most important :—

(1.) They are all, with the single exception of the Ethiopic, written and read from the right hand to the left.

(2.) The alphabets are composed almost exclusively of consonants, among which are several guttural letters that cannot well be represented in any other language, and some of which our organs are incapable of pronouncing after the age of maturity.

(3.) In general the roots are trilateral, and of two syllables. By far the greater part of the roots are verbs.

(4.) Pronouns, whether personal or adjective, are, in the oblique cases, appended to the verbs or nouns to which they belong as *suffixes*.

(5.) The verbs have but two tenses, the past and future; and in general there are no optative or subjunctive moods clearly marked. All verbals, moreover, are remarkable for the regular analogy which runs through their formation.

(6.) The genders are only masculine and feminine; and these are extended to the verb as well as to the noun.

(7.) For the most part, the cases are marked by prepositions. When two nouns come together, the latter of which is in the genitive, the first in most cases suffers a change indicating this relation instead of the second.

(8.) To mark the comparative and superlative degrees of adjectives no peculiar form exists. But from this observation the Arabic must be excepted.

(9.) Scarcely any composite words exist in these languages, if we except the proper names.

(10.) Verbs are not only distinguished into *active* and *passive* by their forms; but additional forms are made by the inflections of the same verbs with small variations, to signify the cause of action, the frequency of it, or that it is reflexive, reciprocal, intensive, &c.

While the above characteristics in respect to grammatical structure and genius, are common alike to all the Shemitic languages, the Hebrew, Chaldaic and Samaritan differ strikingly in outward form from the Syriac, Arabic and the more modern Persian, which uses the Arabic characters. In the three first the letters are not joined together, and consequently but one class of characters is necessary to represent them, whatever be their position in a word. In the latter, especially the Arabic, the case is different. Here, as the progress of printing, which might have remedied the defect in a great measure, has scarcely yet made an impression upon ancient usages, the alphabets still exhibit their original *current* or *manuscript* character, and from the letters being varied in form according to their position in words as initial, medial, or final, the task of becoming sufficiently familiar with these languages to read them with ease, is much greater than that of mastering the Hebrew. So long as the present inveterate prejudices of the Orientals on this score remain, and books are multiplied among them chiefly by means of the pen, so long the junction of the letters, and consequently the use of the ancient character, will continue to prevail. But perhaps it is not a visionary hope, that, in regard to those modern languages especially which employ the Arabic character, the triumphs of the press, following in the train of Christianity, may yet accomplish a revolution in this respect, and by conforming those languages externally more to the European model, make the task of attainment comparatively easy. It is well known that in the early periods of printing in Europe, when most of the works published were in Latin, the character so nearly resembled manuscript, and abounded so much in contractions and other devices of the pen, that, to the common reader, many of them are now scarcely legible. Yet we see to what a state of perfection the outward character in these languages has been brought. Why a similar change may not eventually take place in the East, and the present unwieldy character, like the old English black letter, be entirely superseded, it is not easy to see.

OF THE HEBREW.

1. *Antiquity*.—Of the Shemitic family of languages above mentioned the Hebrew plainly bears marks of the most venerable antiquity ; for which reason some philologists have proposed to distinguish the whole stock to which it belongs by the term *Hebraic*, rather than *Shemitic*. The Hebrew, beyond question, has intrinsically the character of the most antique simplicity, and contains many original roots and primitive formations, which in the sister dialects have been either lost or altered. Whether the Hebrew, however, is to be considered, as the Jews and many Christian writers contend, as the primitive language of the human race, is a point on which it would perhaps be presumptuous to pronounce in the present stage of those extended researches in comparative philology which have been recently prosecuted with so much zeal by European scholars. The objections formerly urged by Le Clerc and others against the claims of the Hebrew on this score, undoubtedly receive additional force with every step in the progress of the inquiry now making, and it seems not unlikely that the Shemitic and the Indo-European families may be eventually resolved back into a common origin.—For an able and interesting view of the present state of comparative philology, the reader is referred to ‘Wiseman’s Lectures,’ Lect. I. and II.

2. *Name*.—Of the two names, viz. Israelites and Hebrews, applied in the Old Testament to the worshippers of Jehovah, the first is distinguished as the *holy* name of that people, and is closely connected with their religion, and the sacred traditions of their race. The latter is the usual name of their nation, and, as such, is much more ancient and universal than the former, Abraham himself being called *a Hebrew*, Gen. 14. 13. Accordingly while priests and prophets always address the people by the name of *Israelites*, other nations always call them *Hebrews*, and a Hebrew never calls himself an Israelite in speaking with foreigners, Jon. 1. 9 ; Gen. 40. 15. On other occasions too, and especially by earlier writers, the nation is called Hebrews, when

not mentioned in reference to their religion, as Ex. 21. 2. Gen. 43. 32. 1 Sam. 13. 3, 7. The name is supposed by the Hebrews themselves to be derived from Eber, an ancestor of Abraham, but as nothing is said of him in the Scriptures tending to give him notoriety as a historical personage, others have maintained that the epithet was applied to Abraham from his coming from beyond the Euphrates, עבר meaning *over* or *beyond*; and עברי Hebrew implying *one that came from beyond the Euphrates*. This appellation it is supposed originated with the ancient inhabitants of Canaan, into whose territory Abraham emigrated. For ourselves, we believe the evidence preponderates in favour of the former derivation, but the point is one of comparatively little moment, so far as it concerns the language, which can only be called *Hebrew* after the usual name of the nation. This name, as a name of the language, occurs not in the O. T., because in general there is little mention of language in it. In Is. 19. 18, it is called the 'language of Canaan,' where Canaan, as a land, is opposed to Egypt. Again, in Is. 36. 11, 13, we find it alluded to under the denomination of the 'Jews' language' which, however, properly means only the dialect of the Hebrew spoken in the kingdom of Judah, though that dialect, after the conquest of Samaria, gained the entire ascendancy. The title *holy tongue* (לשון הקודש) was first applied to the old Hebrew in the Chaldee versions, as being the language of the *holy books* in contradistinction to the *lingua profana*, i. e. the vernacular Chaldaic. In like manner in India the Sanscrit is called the *holy tongue*, from the sacred books being written in it, in opposition to the common spoken language of the country.

In the time of the New Testament, under the appellation *Hebrew* (Gr. Ἑβραϊστί, Ἑβραϊς διαλεκτός) is to be understood the prevailing Syriac or Syro-Chaldaic dialect then spoken in Palestine in contradistinction from the Greek, although Josephus, by γλωσσα των Ἑβραίων, uniformly alludes to the old Hebrew.

3. *Historical Sketch.* It is not a little remarkable, that at the time when the Pentateuch was written, the Hebrew had reached nearly, if not quite, its highest point of structure and

development. The natural inference from this fact would be, that it must have been spoken and cultivated a long time previous to that period. But as all historical documents fail us relative to its earlier stages, nothing positive can be affirmed on this head. From the era of Moses, however, to the Babylonish captivity, which has been termed its *golden age*, it is certain that it underwent few changes. During this period the Hebrews experienced few of those influences which materially affect a language. They advanced but slightly towards a more refined civilization; were never long subject to foreign powers; and had but little intercourse of any kind with people speaking different tongues from their own. Their language advanced little, therefore, in development, and suffered little from corruption. There are, however, in the Pentateuch, some important characteristics which afterwards disappear, and many of these have become less perceptible by us, in consequence of the more modern punctuation having treated all words according to one standard, and that the standard of the language at a late period.

4. What is termed the *golden age* of the Hebrew, includes the largest half of the Old Testament books, viz. the Pentateuch, Joshua, Judges, Samuel, Kings; of the poetical, Job, the Psalms, the Proverbs, and the older prophets in the following order—Jonah, Amos, Joel, Hosea, Micah, Isaiah, Nahum, Zephaniah, Habakkuk, Obadiah, Jeremiah, Ezekiel. The two last, with several of the Psalms, and perhaps some parts of Isaiah, are of a period bordering upon the next or *silver age*.

5. This second, or *silver age*, of the Hebrew language and literature, extending from the return from the captivity to the time of the Maccabees, or about 160 years, is distinguished especially by a nearer approximation to the cognate East Aramaic, or Chaldee dialect, with which, from its affinity with their own tongue, the Jews in Babylon became easily familiar. This dialect they in fact brought with them on their return, and being generally adopted as the vernacular of the nation, it continued to exercise a growing influence upon the old Hebrew, till at length, about the time of Christ, it had superseded it alto-

gether. The Old Testament writings, which belong to this second period, and in which a Chaldaic tincture is more or less apparent, are the books of Chronicles, Ezra, Nehemiah, Esther ; the prophetic books of Haggai, Zechariah, Malachi, Daniel ; and, according to some of the German critics, the poetical ones of Ecclesiastes, Solomon's Song, and some of the later Psalms ; all which they affirm, contain numerous instances of pure Aramæisms.

These Aramaic or Chaldaic peculiarities display themselves either in *words*, *forms*, or *significations*. Of the former, we find זמן instead of the ancient עת *time*, קבל for לקח *to take*, סוף for קץ *an end*, שָׁלַט for מָלַךְ *to rule*. In *forms*, the *scriptio plena* mode of writing the vowels ו and י (§6. 4.) is very common, as דָּוִיד (elsewhere דָּוִד) *David*, קֹדֶשׁ for קֹדֶשׁ, רֹב for רַב ; the interchanging of final ה, and א, ; the very frequent use of substantives ending in ון, ך, וה, &c. In *signification*, we have אָמַר *to say*, used in the sense of *command*, עָנָה *to answer*, applied to *commencing an address*, and קֹדֶשִׁים *holy ones*, employed as a term for angels.

6. Throughout its different periods, the Hebrew exhibits a twofold diction, viz. the *prosaic* and the *poetic*. The character of the Hebrew *prose* is simplicity and artlessness, with vivid descriptive power, occasionally rising, where the subject is inspiring, to the purest sublime. The *poetic diction* is of a very peculiar character. Its essence consists in luxuriant copiousness, inexhaustible variety, and a vast flexibility, as it possesses a much greater abundance of words and formations than prose, of which many are entirely peculiar to itself. This opulence of poetic diction, is derived partly from its zealously retaining what died out of the language of daily life, and partly from its recruiting itself from time to time, from the rich and manifold popular dialects, by the adoption of new matter and forms.

The following may be cited as specimens of the poetic peculiarities of the Hebrew. In the *choice of words*, we note the use of אָנוּשׁ *man*, instead of אָדָם ; אַיָּה *way* = דֶּרֶךְ ; אָתָּה *to come* = בּוֹא ; אֶמְלָא *a word* = דְּבַר. To the poetical *meanings* of words belongs the use of certain epithets for substantives, as אֱבִיר *the mighty*, i. e. God ; applied also to a *bullock* ; לְבָנָה *the white*, i. e. *the moon*, יְהִידָה *the*

beloved, i. e. one's own life. In the department of *formations*, we find the plural forms of prepositions, as עַל=עֲלֵי; אֶל=אֲלֵי; עַד=עֲדֵי; paragogic letters, ה, ו, י, frequently added to nouns; the suffixes מו, לו, לו, instead of מ, לו, לו; and the plural ending ין for ים. In the Syntax there is to be observed the rarer use of the article, of the relative, of the accusative, and of the apocopated future.

7. *Grammatical cultivation*.—Not long after the Hebrew had ceased to be a spoken language, and the collection of the sacred books was completed, these writings began to be the subject of critical and explanatory labours, and also to be translated into the languages of the surrounding nations. Of the *translations*, the first was that undertaken at Alexandria under Ptolemy Philadelphus, usually termed the *Septuagint*, or the *Greek Version of the Seventy*, of which it will be unnecessary here to give a particular account. At a somewhat later period appeared in Palestine and Babylon the *Chaldee Translations* or *paraphrases*, commonly denominated *Targums* (תַּרְגּוּמִין *interpretations*), respecting which the reader may find in various Biblical treatises the most ample information. As to their *explanations*, if such they may be called, they are made up chiefly of alleged traditions, and have respect exclusively to the civil and ritual law, and to doctrine, possessing as little claim to a truly scientific character, as the *remarks upon the readings*, which constitute another department of their so-called critical labours. Both are contained in the *Talmud*, of which the first part (the *Mishna*) was composed in the third century, and the second (the *Gemara*) in the sixth, and both are written in a mixed dialect made up of Hebrew and Chaldee.

To the period intervening between the completion of the Talmud and the first strictly grammatical treatises, is probably to be referred the *vocalization* of the hitherto unpointed text, as well as the collection of critical remarks called the *Masora*, from which the text in its present state is distinguished by the epithet *Masoretic*. For a fuller account of the Masora, see Appendix.

The example of the Arabians prompted the earliest efforts

at grammatical institution among the Jews. The first rude essays of *Saadias* have been long since lost, but manuscript treatises written in Arabic by *R. Juda Chiug* and *R. Jona ben Gannach*, still exist, a judicious use of which has given to *R. David Kimchi* in great measure his reputation as a first rate grammarian. From these early writers originated many of the devices and technicalities which have come down to us, and still hold their place in Hebrew grammar; as, for example, the naming of the conjugations and the irregular verbs after the paradigm *לָכָה*, and the use of memorial words, such as *Begad-kephath*, *Ehevi*, *Hemanteev*, &c. In general, however, no enlarged or philosophical views of the internal structure and genius of the Hebrew are to be found in the works of Rabbinical writers. It may suffice, therefore, simply to give the names and eras of the most distinguished of the Jewish grammarians.

R. SAADIAS GAON, or *Saadias the Excellent*, President of the Academy at Sora near Babylon (died A. D. 942), wrote a work entitled *Book of the Holy Tongue*. Of this nothing is known except from the quotations of the later Rabbins.

R. JUDAH CHIUG, called the head or chief of Grammarians, was a physician at Fez in Morocco, and lived about A. D. 1040. He, as well as *Saadias*, wrote in Arabic, and his work, which has never been printed, treats principally of the niceties of the language, especially as connected with the quiescent letters in the irregular verbs.

R. JONAH BEN GANNACH, a physician of Cordova (lived about A. D. 1120), wrote the first complete Hebrew Grammar under the title of the *Book of Splendour*. A copy of this work (in Arabic) exists in a scarcely legible MS. at Oxford, divided into three parts, of which the last has been translated into Hebrew. He is also author of a work supplementary to that of *R. Chiug* on the irregular verbs.

R. ABEN EZRA of Toledo (died A. D. 1174), the most profound, acute, and liberal minded of the Rabbis, wrote a work entitled *The Book of Balances of the Holy Tongue*, translated by Heidenheim, 1808, and another entitled *The Book of Elegancy*. He is distinguished for an independent vein of think-

ing and an almost utter disregard of the Cabalistic subtleties of the Masorites.

R. DAVID KIMCHI of Narbonne (flourished A. D. 1190—1200). His grammar forms the first part of the work entitled *מכלל Perfection*, which embraces also his well known Hebrew Lexicon. This has been often republished. There were three learned Rabbis of the name of Kimchi—Joseph, David, and Moses; the first the father of the other two. David was the most distinguished of the three, and has been most followed of all the Jewish Grammarians by Christian writers in the same department.

ELIAS LEVITA (a German, taught at Padua, Rome, and Venice, died 1549), was the first who maintained the modern origin of the vowel-points, for which he was assailed as a heretic with the most virulent abuse. It should be understood, however, that he merely maintained, that by means of these external signs the school of Masorites at Tiberias expressed the vowel sounds and accents, which, according to his opinion, were well known to the Jewish nation by correct oral tradition, during the centuries that preceded. Father Simon says of Levita that he is the least superstitious of all the Rabbis, and deserves the most to be read. He wrote several grammatical treatises, besides observations on the works of Moses and David Kimchi, some of which have been translated by Munster.

8. In passing from the principal Jewish to the earliest Christian writers on Hebrew grammar, the names of *Reuchlin*, *Munster*, and *Buxtorf*, who flourished between A. D. 1522 and 1629, will undoubtedly take precedence of all others. The grammatical treatises, indeed, of *Pagninus*, *Bibliander*, *Osiander*, *Wasmuth*, *Capellus*, *Danz*, *Opitius*, and others, ought not to be overlooked; but it was not till about the middle of the 17th century that the subject of Hebrew Grammar began to assume that truly scientific character which it bears at the present day. This was owing in great measure to the labours of such men as Ed. Pococke, Lud. de Dieu, Jo. H. Hottinger, and more especially of Alb. Schultens, in creating and fostering a taste for the study of the cognate languages, particularly the

Arabic, in England, Germany, and Holland, which has tended greatly to a more intimate knowledge of the internal genius of the Hebrew.

It is only, however, within the last fifty years, perhaps we may say within the last twenty, that we are to date the commencement of the most auspicious period of this branch of philological learning. It is within that period that we find the commencement of that philosophical method, which by treating language as an *end*, as well as a *means*, has referred its foundation to the structure of the mind and the laws of thought, and by tracing the affinities which exist between the different families of languages, has rendered it one of the most striking commentaries on the history of the human race. From this enlargement of view, in respect to language in general, Hebrew grammar has received the form and consistency of a truly philosophical science. It is now no longer enough for a grammar to contain a mere collection of the phenomena of the language, as to its forms and syntax. It must show *how* the forms have arrived at their present state; it must disclose, as far as practicable, the influence which the *spoken* has exercised upon the structure of the *written* language; it must endeavour to ascertain how far the sense is modified by the form of a word; and, finally, how entirely the syntactical peculiarities are to be resolved into the native processes of thought of those by whom it was spoken. The honor of having given the first impulse to this higher grade of grammatical investigation, in respect to the Hebrew, is undoubtedly due to Gesenius of Halle. He was the first who endeavoured to bring Hebrew philology into harmony with the improvements of his time. His *Lehrgebaude* (1817) was the largest Hebrew grammar which had appeared before that time. Its distinguishing merits were the diligence with which he had collected, and the clearness with which he had represented, the opinions of former grammars. It was an embodiment of all the valuable features of all preceding treatises on the same subject, and together with this it exhibited some of the most striking points of affinity between the Hebrew and the cognate Shemitic dialects. Of

this grammar he has published an Abridgement, which has passed through eleven editions, and also a Chrestomathy adapted to it, which has reached the fifth edition. His Lexicographical labors consist of five editions of a German Hebrew Lexicon, one of the same in Latin, and a large 'Thesaurus Linguae Hebraicae,' in 4to. which is not yet completed. It is perhaps doing no more than justice to this distinguished philologist to say, that he has contributed more than any man living to the dissemination of Hebrew learning.

But the gigantic strides made within the last ten years in the general principles of philosophical grammar, particularly in Germany, left all the preceding works, even that of Gesenius himself, short of satisfying the claims of the new era of linguistic research. Philology had laid aside its swaddling clothes and began to philosophize on the facts which it had heretofore been content to take upon trust. The elements of a further development of Hebrew Grammar were already ripening in silence, when EWALD of Gottingen appeared as a new candidate for the honour of advancing still farther than any of his predecessors the interests of this department of philology. His 'Critical Grammar of the Hebrew Language' (written in his 23d year) was published in 1827, and was at once acknowledged to constitute a new era in the history of Hebrew Grammar. This was followed in 1828 by an abridgement of the former, and this again in 1835 by an entirely new and still larger work, entitled 'A Grammar of the Hebrew Language of the Old Testament,' of which an English translation printed at Gottingen, has recently been published in London, containing several important additions by the author himself, not to be found in the German original.

The grand feature of Ewald's grammatical labours is the ability displayed in tracing the existing phenomena of the language to their appropriate causes, particularly as they depend upon the *doctrine of sounds*. In tracing the intimate relations between the principles of organic utterance and the forms of words, he has given a masterly specimen of profound research and acute discrimination. Instead of viewing the language as a

mass of inanimate details of arbitrary signs addressed to the eye, he has, by a power peculiar to himself, breathed into its dead forms the breath of life, and presented the whole almost as a new creation before us. His conception of the spirit of the living spoken language, and of the degree to which this has modified its written forms, is so vivid as almost to amount to a consciousness. How well his work is entitled to be considered as *original* in this respect may be judged of from his own declaration:—"In order to obtain a vivid apprehension and representation of the language in its true forms, I have always investigated it by means of itself, without knowing the opinions of former Grammarians or assuming their correctness, and therefore it was necessarily indifferent to me, as to the results of my investigations, whether any fact had been observed before or not; I sought nothing old or new." Again, in speaking of the present advanced stage of the science of Hebrew Grammar, he remarks;—"I myself may only have the merit of giving the first impulse to improvement, if even that may be called a merit, since the idea of improvement in this science is less owing to me than to the claims of our time, and this idea has perhaps only been awakened somewhat sooner and more vividly in me."

Notwithstanding, however, the indisputable superiority of Ewald as a philosophical grammarian, his work is ill-adapted to elementary instruction, and can only be duly appreciated by those who are already masters of the language. This will be at once inferred from the fact, that he occupies fifty pages in stating the doctrine of the sounds, and the principles of the vowel changes, before he gives the alphabet of the language; and yet it is undoubtedly true, that the more his system is *studied*, the better satisfied does the reader become with this arrangement. But it is evident that such a method is entirely unsuited to the wants of a beginner, and can never be *practically* followed, at least in this country, in the attainment of Hebrew. The work of Ewald however constitutes a new era in the grammatical history of the language; and no treatise in this department can satisfy the demands of the age, which disregards the grand principles of sounds and forms which he has established.

9. The following may be given as a list of the most important works on Hebrew Grammar by Christian authors.

JO. REUCHLINI PHORCENCIS *ad Dionysium fratrem suum germanum de rudimentis Hebr.*, Lib. III. 1506, Fol. (Containing grammar and lexicon.)

SEB. MUNSTER (of Heidelberg), *Opus Grammaticum consummatum*. Basil, 1546. 4to.

SAL. GLASS (of Jena and Gotha) *Philologia Sacra*. [Lips, 1623, 4to. Ed. Dathe, 1776, 2 vols. 8vo.

LUD. CAPPELLI *Arcanum punctuationis revelatum*. Lugd. Bat. 1624. 4to. Capellus contended with Elias Levita for the modern origin of the vowel points, and doubted in some cases of their correctness. Many of his followers rejected them altogether.

JO. BUXTORFI *Thesaurus Grammaticus Linguae Sanctae Hebraeae*. Basil, 1651.

J. A. DANZ *Literator Ebraeo-Chaldeus*. 1696, 8vo.

LUD. DE DIEU (of Leyden) *Grammatica Linguarum Orientalium Hebr. Chald. et Syrorum inter se collatarum*. Lugd. Bat. 1628. 4to.

J. H. HOTTINGER *Gramm. Quatuor Linguarum, Hebr. Chald. Syr. Arab. harmonica*. Siguri, 1649. 4to.

ALB. SCHULTENS *Institutt. ad Fundamenta Ling. Hebr.* Lugd. Bat. 1737. 4to.

N. W. SCHROEDER (of Groningen) *Institutt. ad Fundamenta Ling. Hebr.* Groning. 1766. 8vo.

SAMUEL LEE *Lectures on Heb. Grammar*. Lond. 1827. 8vo. Sec. Ed. 1832.

MOSES STUART (Prof. Sac. Lit. Andover Theol. Sem.) *A Grammar of the Hebrew Language*. Andov. 1821. 8vo. Sec. Ed. 1824. Third Ed. 1829. Fourth Ed. 1831. Fifth Ed. 1835. Sixth Ed. 1837.

ISAAC NORDHEIMER (Doct. Philosoph. Univ. Munich. Prof. Arab. Syr. and other Orient. Lang. N. Y. City University). *A Critical Grammar of the Hebrew Language*, 2 vols. 8vo. New Haven, 1838.

PART I.

CHAP. I.

LETTERS, SOUNDS, AND SIGNS.

§ 1. THE ALPHABET.

1. *Preliminary Remarks.*—The letters of the Hebrew alphabet are all originally and essentially consonants; but as a consonant cannot, strictly speaking, be sounded by itself, these letters, as they appear in the alphabet, are not so properly the representatives of sounds, as of *the position of the organs in the ineffectual attempt to utter sounds*. This may perhaps be maintained to be theoretically the case in regard to the consonants of the English and other European languages; but practically it is not so. In English, for example, the letter *b*, is the sign of a complex sound, involving that of a vowel, and as it stands in the alphabet equivalent to *be*. The letter therefore requires no other denomination *than itself* to designate it. The Heb. ב, on the other hand, indicates no vowel sound whatever, but simply the position and action of the organs of speech in the abortive attempt to enounce without the aid of a vowel—an aid which the *actual* utterance indispensably requires. It is perhaps for this, among other reasons, that the letters of the Shemitic alphabets instead of being named, like the European, from their sounds, are distinguished by certain technical appellations, as Aleph, Beth, Gimel, &c., of which see § 2. 4, although Gesenius, Ewald, and others, recognise in these names the evidence of an ancient picture-character, in which certain objects were employed as hieroglyphics, the initial sound of whose name corresponded with the sound of the several letters; as the figure of a lion, for instance, to express the sound L. Of this nature were the well-known symbolical characters of the Egyptians, and such is, partially at least, that of the Chinese alphabet at the present day. As to the Shemitic letters, this idea is certainly favored by the names applied to them; Aleph signifying *an ox*, and Beth *a house*; and the characters being such as may easily have originated in the one case from a rough sketch of an ox's head, and in the other from that of a house.

2. Some learned men among the moderns have indeed maintained that an alphabet of consonants is impossible, and that א, ב, ג, were anciently only vowels. But this opinion is refuted by the fact, that these letters are always treated as consonants *in the triliteral roots*, and consequently admit the most heterogeneous vowels, as אֵ, אִ, אֻ, אֹ, אָ. At the same time it may readily be conceded, that א, ב, ג, have originally a weaker consonant sound than the rest and one so nearly approximating to that of the vowels, *a, u, i*, that they might be not inaptly employed as the ordinary representatives of those sounds. It seems to have been in reference to such a use, that these letters were termed by the older grammarians *matres lectionis*, i. e. parents or guides of reading,

an appellation of great antiquity, and evidently implying that in their opinion they answered, from a very early period, *some* special purpose over and above that of their natural function as consonants. Yet it is plain that there never was a period in the history of the language when these three letters fulfilled the office of *all* the vowel sounds; for there are great numbers of words composed solely of the firmest consonants, in which neither of the *mutres lectionis* appear, as *למד*, *דבר*, *בצק*, &c., yet who can suppose for a moment that these words were ever enunciated without the aid of a vowel sound? The expedient, therefore, whatever it may have been, for indicating the general system of vowel-sounds appears to have been as ancient as the use of these letters for that purpose, so that we see no sufficient reason for giving them, in contradistinction to the other consonants, the title of vowels.

3. As to the origin of the present Hebrew character, great difference of opinion has long existed among the learned. The tradition of a fundamental alteration in the forms of the letters has been preserved in the Talmud and the fathers, which must, at any rate, have rested on some historical grounds. According to this tradition the present character, which is found with trifling variations in all MSS. of the Old Testament, and was even in the time of Jerome the same as we now have it, was brought by Ezra from Assyria, at the return from the captivity, and hence is called the *Assyrian character* *פְּתִיל אֲשׁוּרִית*; the earlier ancient Hebrew character, on the other hand, being called *פְּתִיל עִבְרִית* the *Hebrew character*. The entire accuracy of this tradition however, is doubted, especially the fact of Ezra's having introduced the alteration in question, for the Samaritan Pentateuch, which was brought into Samaria from Jerusalem about the end of the fifth century before Christ, and the new coins of the Asmoneans struck a century or two after the last mentioned date, afford sufficient evidence, that the ancient character was still in use as late as the last century before Christ. But the later Jews, as is well known, attribute to Ezra every thing which they can refer to no other source. In the present instance, if the tradition above alluded to be divested of its apocryphal features, the following connected view may perhaps be gathered from it:—The Shemitic character, from the time we have any certain knowledge of it, was divided into two very different branches. The *western* branch which has become especially celebrated in the *Phœnician* character, was also the character of the Hebrews until the last century before Christ, was retained by the Phœnicians still later, and by the Samaritans even to the present time. Its alphabetical characters are antique, but stiff and heavy, angular and uneven, without proportion or beauty. The *eastern* branch, on the other hand, prevailing in Babylonia and the other countries bordering on the Euphrates and Tigris, became by frequent use much rounder, more regular, more ductile and beautiful, and was even at an early period gradually modified into more of a *current* character. These distinguishing advantages gave it a decided ascendancy; in the course of time it extended over all Syria and Arabia, and the Jews, after the Babylonian exile, were the less able to resist its influence, inasmuch as the north-eastern or Aramaic language and literature were continually making deeper and deeper inroads upon them. This powerful influence

perhaps in the last century before or the first after Christ must have abolished, or at any rate essentially and radically modified, the ancient character; and not long after, by reason of the increasing superstitious reverence of the Jews for the letter of the sacred text, the existing character became in effect consecrated and immutable, and thus has been preserved in all the copies without essential alteration through the lapse of intervening centuries to the present time.

4. The established character thus constituted and fixed, has preserved a beautiful regularity, combined with an antique simplicity, in the form of its letters, which in contradistinction to other alphabetical characters, have given it the name of the *כתב קרוב* *the square character*. All the letters with the exception of three *ל, ק, י*, are about of uniform height and size, and have either a broad stroke above, as *ב, ד, פ, ר, ח, ת, י*, or firm points of support below, as *א, ע, צ, ז*. In some few cases, as *נ, כ, צ*, it would seem that the descending stroke, lest it should descend too far, has been bent in to the left, though the primitive form remains when these letters are final. Koph (*פ*) is an exception to this remark.

This character shows, as will be evident on inspection, some tendency and adaptedness to connection of letters, and some of the MSS. discover a marked approach to a *current* mode of writing. General usage, however, resisted this incipient tendency, even from early times, especially as the dignity and sanctity of the character were conceived to require, that the primitive separation and distinctness of the letters should be preserved; under this idea, even the connections of letters which are possible are forbidden in the Talmud. Had the Hebrew been already a connected character at the time the Scriptures were written, it would doubtless have remained so, as has been the case with the Kufic character in the Koran.

§ 2. ALPHABET.

The Hebrew Alphabet consists of twenty-two, or, as the *S* (ש) is twofold, of twenty-three letters, whose names, forms, and powers are as follows :—

Forms.	Names in Hebrew.	Names in English.	Power.	Num. Value.
א	אֵלֶף	Aleph	practically no sound of its own; the accompanying vowel only sounded; often silent.	1
ב	בֵּית	Beth	<i>v</i> in <i>van</i> ; but בּ = <i>b</i> in <i>ban</i> . See § 12.	2
ג	גִּמֶל	Gimel	<i>g</i> hard, in <i>give</i> , <i>gird</i> .	3
ד	דָּלֶת	Daleth	<i>th</i> in <i>though</i> ; but דּ = <i>d</i> in <i>dare</i> .	4
ה	הָא	He	<i>h</i> aspirated, as in <i>hand</i> .	5
ו	וָו	Vav	<i>v</i> in <i>valve</i> ; often silent.	6
ז	זַיִן	Zayin	<i>z</i> in <i>zeal</i> , or <i>s</i> in <i>those</i> .	7
ח	חֵית	Heth	<i>hh</i> , strong guttural aspirate approaching to <i>k</i> .	8
ט	טֵיט	Tet	<i>t</i> in <i>time</i> .	9
י	יּוֹד	Yod	<i>y</i> in <i>yes</i> ; often silent.	10
כ	כָּף	Kaph	<i>k</i> in <i>king</i> .	20
ל	לָמֶד	Lamed	<i>l</i> in <i>love</i> .	30
מ	מֶם	Mem	<i>m</i> in <i>man</i> .	40
נ	נוּן	Nun	<i>n</i> in <i>not</i> .	50
ס	סָמֶךְ	Samek	<i>s</i> in <i>song</i> .	60
ע	עֵינ	Ayin	practically no sound of its own.	70
פ	פָּא	Pe	<i>ph</i> in <i>Philip</i> ; but פּ = <i>p</i> in <i>pin</i> .	80
צ	צָדֵיךְ	Tzade	<i>tz</i> in <i>Switzerland</i> , or <i>ts</i> in <i>mats</i> .	90
ק	קוֹף	Qoph	deep guttural <i>k</i> ; represented by <i>q</i> merely to distinguish it from כּ <i>k</i> .	100
ר	רֵישׁ	Resh	<i>r</i> in <i>road</i> .	200
ש	שֵׁין	Shin	<i>sh</i> , or <i>s</i> in <i>sure</i> . <i>s</i> in <i>song</i> .	300
שׁ	שֵׁין	Sin		
ת	תָּו	Tav	<i>th</i> in <i>thin</i> ; but תּ = <i>t</i> in <i>tin</i> .	400

Observations on the Letters.

1. For the sounds given to the vowels in the English names, see Table, § 6, in the column headed "power."

2. The third column, containing the English names of the letters, will give the student a tolerably correct idea of their pronunciation, but it is only from the Hebrew names themselves that he can learn this with perfect accuracy. The first exercise, therefore, after mastering the vowel-signs should be to turn back and apply them in reading the Hebrew Alphabet.

3. The best method which the learner can adopt for making himself acquainted with the letters, is to write them over carefully and frequently, till he is quite familiar with their forms. If he use a pen, the point should be cut a little oblique in order to make the horizontal strokes strong and regular; the others, which are perpendicular or curved, should be made fine and equal, or gently swelling as they appear in the printed character. The oriental reed is said to be by far the best instrument for writing these letters.

4. The *number* and *order* of the consonants, as given in the table, are found in the text of the Hebrew Bible. The following are the passages:—Psalms 34, 119, 145; Proverbs 31. from verse 10 to the end; Lamentations 1, 2, 3, 4. In Psalm 34, however, the verse beginning with *Yav* has either been lost, or both *He* and *Yav* are found in the 6th verse; and in the 145th, that which should commence with *z* is also wanting. In the 2d, 3d, and 4th chapters of the Lamentations, *y Ayin* and *Pe* are found transposed, which may perhaps be attributed to the copyists.

5. The sources of authority in regard to the pronunciation of the Hebrew letters are threefold. (1) The usage of the sister dialects, especially the living Arabic. (2) The observed relations and interchanges of letters in the Hebrew itself. (3) Jewish tradition. In respect to the latter, there are indeed very considerable diversities of usage among modern Jews, which somewhat weaken the evidence drawn from this source. The pronunciation of the Polish and German Jews conforms more to that of the Syriac, while that of the Spanish and Portuguese Jews, which most Christians follow, bears a closer resemblance to the Arabic. But as a counterpoise to this, we have an invaluable traditional clue to the ancient pronunciation in the manner in which Hebrew proper names are written in Greek letters in the Septuagint. The information, however, derived from this source, though valuable as far as it goes, is not complete, as the Greek has no adequate representatives for certain sounds of the Hebrew, as e. g. *ע*, *צ*, the former of which is very variously indicated, as עמר, Γομορρά, עמר, Ελν, עמר, Αμαλκ.

6. The Hebrews undoubtedly gave to *x* and *y* a sound more or less distinct; the former it is supposed equivalent to an unaspirated *h*, or the *light breathing* (spiritus lenis) of the Greeks, and the latter a very deep guttural, peculiar to Shemitic organs, and which if it were perfectly known, it would probably be impossible to represent in our language. For a full account of the vocal powers of the several Hebrew letters, see Gesenius' Heb. Lex. (Robinson's Translation) under each.

7. Five of the letters, viz. *כ*, *מ*, *נ*, *ס*, *צ*, when occurring at the end of words, lose their usual forms, and assume the following:—

Kaph	כ	is written	ך
Mem	מ	"	ם
Nun	נ	"	ן
Pe	פ	"	ף
Tsade	צ	"	ץ

8. The following, viz. *א*, *ה*, *ל*, *מ*, *ת*, frequently occur in a *dilated* form; as *א*, *ה*, *ל*, *מ*, *ת*. This is in order to fill out a line,

and to preclude the necessity of dividing words by a hyphen or otherwise at the end, which is never done in Hebrew.

9. The forms of several of the letters so nearly resemble each other, that they require to be carefully discriminated by the learner at the outset. Let him note their differences as exhibited in the following table:—

Beth ב	כ Kaph	Zain ז	ן Nun
Gimel ג	נ Nun	ה He	ח Heth
Daleth ד	ך Kaph	ה Heth	ת Tav
Daleth ד	ר Resh	מ Mem	ט Tet
Vav ו	ן Nun	מ Mem	ס Samek
Zain ז	ו Vav	צ Tzade	ע Ayin

§ 3. METHOD OF NOTATION.

The Hebrews made use of the letters of the alphabet, in order to denote numbers. For this purpose they divided the letters (including the final ones) into three classes, the first denoting *units*, the second *tens*, the third *hundreds*, in this manner :

9	8	7	6	5	4	3	2	1	<i>Units.</i>
ט	ח	ז	ו	ה	ד	ג	ב	א	
90	80	70	60	50	40	30	20	10	<i>Tens.</i>
צ	פ	ע	ס	נ	מ	ל	כ	י	
900	800	700	600	500	400	300	200	100	<i>Hundreds.</i>
ץ	ף	ו	ם	ך	ת	ש	ר	ק	

Beyond ten they joined a decimal and a unit, thus:—

יא, 11; יב, 12; יג, 13; יד, 14; טו, 15; טז, 16; יז, 17; יח, 18; יט, 19; כ, 20; כא, 21; כב, 22; כג, 23; כד, 24; כה, 25; כז, 27; כח, 28; כט, 29; לו, 30; לז, 31; לח, 32; לט, 33; מ, 40; מא, 41; מב, 42, &c. For *fifteen* they always employed טו = 9 + 6 = 15, and not יד, because this last is the contraction for the word יהוה *Jehovah*. Beyond a hundred their numerals were constructed in the same manner; as קא, 101, קב, 102, קג, 103, &c. To express thousands and higher numbers they began the alphabet anew, placing two dots over each letter; thus א̇ 1000, ב̇ 2000, ג̇ 3000, &c. א̇לף = 1838.

Note. This mode of enumeration is not found in the Hebrew Bible, where numbers are always expressed in words, but it is important to be known, as being the method employed by the Masorites, and adopted by Buxtorf in the citation of chapters and verses in his excellent Hebrew Concordance, the value of which, however, would have been greater had he chosen the method by figures.

§ 4. CLASSIFICATION OF THE CONSONANTS.

1. A very natural distinction of the consonants in all languages is one founded on the different organs upon which their pronunciation mainly depends. Letters of the same organ are obviously more closely related to each other than those of different organs, so that if a commutation of one for another should ever take place, we should more naturally look for it to occur between letters of a kindred order than between those which have no mutual vocal affinity. Thus, for example, the substitution of the labial ב *b* for פ *p* is more natural than that of ב for ג, or of פ for the lingual ט, or the sibilant ז. And such we find to be the actual usage of the language. Words of the same signification are found with different letters, but mostly those belonging to the same organ: as בָּרַח, נָחַח, חָח, *back*; מָלַח, פָּלַח *to escape*; סָגַר and סָכַר *to shut up*; עָלָז and עָלָץ *to exult*. The classification, therefore, founded upon this relation is the following:

- (a) Gutturals א, ה, ח, ע (אֶחָדֵע)
- (b) Labials ב, מ, פ (בִּרְמָה)
- (c) Dentals ז, ט, צ, ש (זִסְצָרֵשׁ)
- (d) Linguals ד, נ, ל, ט (דָּנָלָט)
- (e) Palatals ג, י, כ, ק (גִּיכָק)

2. Illustrations of the practical utility of this division are to be derived rather from the department of lexicography than of grammar, although some further use will be made of it in § 24. In the mean time, a classification more immediately useful to the learner is one which selects those letters only that are the subjects of some important peculiarity, as,

(a). The GUTTURALS: viz., א, ה, ח, ע, to which ר also is closely related from its so frequently conforming to the usages of this class (§ 25). These letters are distinguished by a mode of vowel-pointing and other peculiarities hereafter to be specified (§ 25). Meanwhile they should be thoroughly impressed upon the memory.

(b) The ASPIRATES; viz. ב, ג, ד, כ, פ, ת, technically termed *Begadh-Kephath* (בְּגַדְה־כֶּפֶת).^{*} They are called *Aspirates* from the

^{*} The technical word in this and similar cases is intended merely as a help to the memory. Such terms are a device of Rabbinic origin, and are largely employed in the older Hebrew Grammars.

fact, that when they occur without a Dagesh-point in the centre (§ 12), an *aspirate* or *h*-sound is associated with them in pronunciation. Thus כ = *bh*, i. e. *v*, which is regarded as vocally equivalent to *v*, while ב = *b*; ד = *th* in *though*,* while ד = *d*; פ = *ph*, while פ = *p*; ת = *th* in *think*, while ת = *t*. As to the two remaining Aspirates ג and כּ, although the insertion of the point makes theoretically the same difference, yet as our organs are not capable of expressing it, it is not practically regarded.

(c) The QUIESCENTS: viz. א, ה, ו, י, technically termed *Ehevi* (אֶהוּי). They are so called from their easily losing their appropriate consonant sound, and *quiescing in* or *coalescing with* the preceding vowel. Thus in אֶרֶץ *eretz* the א quiesces in the vowel-sound indicated by the mark under ר, the syllable being pronounced precisely as it would be were the א omitted. So ה in מֶה *meh* quiesces in the vowel-sound pertaining to מ; ו in לוֹ *lo* in that of ל; י in נִי *ni* in that of נ. This is closely analogous to such cases as *low, lie, shawl, &c.*, in English. A fuller account of these letters will be given after the student has become acquainted with the vowel-system, § 18.

(d) The SIBILANTS, viz. ס, צ, ש, שׁ. It will be sufficient here barely to specify the letters belonging to this class. The peculiarity by which they are marked will be explained hereafter, § 23.4.

(e) The LIQUIDS; viz. ל, מ, נ, ר (לִמְנֵר). These also are often interchanged for each other, as לָחַץ and נָחַץ *to oppress*; עָבַר and עָכַר *Achan* or *Achar*, pr. name.

(f) The *Radicals* and *Serviles*. This is a distinction founded on the fact, that nearly all the words in Hebrew are reducible to trilateral or biliteral roots, the derivatives from which are often augmented by additional letters. Under the *Radicals* therefore are included those letters which occur in the roots only, while the *Serviles* comprise those which are made to *serve* as prefixes, suffixes, &c. in the various modifications which nouns and verbs undergo in the course of formation and flexion. The latter class is composed of the following letters, א, ב, ה, ו, י, כ, ל, מ, נ, ש, ת, which are often arranged for memorial purposes into the words אֶתָן מֹשֶׁה וְכָלֵב *Ethan, Moses, and Caleb*. On the other hand, no letter of the alphabet is

* It is peculiarly important that the learner, in pronouncing the aspirate ד, accustom himself to give it the precise sound of *th* in *though, this, that*, instead of the sound of *th* in *think, thin*, which is expressed by ת.

excluded from the list of Radicals, although the following, including the remaining half of the alphabet, are never used as *Serviles*, viz.

ך, ד, ז, ח, ט, ע, פ, צ, ק, ר

CHAPTER II.

§ 5. HEBREW VOWEL SYSTEM.

1. *Preliminary Remarks.*—The obvious phenomena of the Hebrew language in its existing state clearly go to prove, that it must have been a *spoken* before it became a *written* language. This is to be inferred mainly, from the fact that consonants only, the more firm, prominent, and indispensable elements of speech, are written. It is indeed difficult for us, in the present improved state of the art of writing, to conceive how words should be exhibited by consonants alone without the aid of vowels, yet the fact that such was the case is indubitable, and on the supposition above mentioned, that the language was familiar to the *ear* before it was addressed to the *eye*, the fact is easily accounted for. As consonants are to words what the bones are to the human body, or the frame-work to a building, so whenever these first elements of speech were written, the requisite vowel-sounds were at once suggested to the mind of the reader, and no difficulty was experienced in coming at the idea intended to be conveyed. To a Shemitic eye the characters למד *lmd*, ברך *brk*, דבר *dbr*, משפט *mshpt*, would immediately suggest the vowel sounds which common usage associated with them in their full enunciation. So, in fact, in many instances in English, the utterance of short syllables is so rapid, that the nicest ear can scarcely distinguish what vowel the speaker or reader has employed. As far, for example, as the enunciation of the vowel in the last syllable of the word is concerned, *father*, *fathir*, *fathar*, *fathur*, *fathyr*, *fathor*, are all in effect the same. In some cases the vowel is entirely lost, as in *bason*, *mason*, *lesson*, *lessen*. Experiment indeed will convince us, that in common pronunciation we habitually expel almost all the short vowels to such a degree, that if we place by themselves the consonants which compose the word, omitting the vowels, we shall still be able to enunciate the combinations about as easily as if the vowels were present. Let the following serve as an example:—

Bkr	Baker
Mnr	Mariner
Sllr	Seller
Mckrl	Mackerel
Prtnr	Partner
Stggr	Stagger
Nmbr	Number

These instances, which might be indefinitely multiplied, will be sufficient to show, that combinations of consonants, quite as complex as any thing that appears in Hebrew, may be easily read without vowels. Indeed, in the art of stenography the principle of the Hebrew is actually practised upon every day.

2. Still it is evident that this was an imperfect mode of writing, and that cases would occur in which it would be absolutely necessary to express the vowel sounds; e. g. when two such sounds came together, as in *הוי גלוי* *hoi galui*, &c. The native and inherent tendency, moreover, of all languages to a more perfect development would gradually work a change in this respect, and writers would become accustomed to insert some kind of vowel signs in the places where they seemed most indispensable. But instead of inventing entirely new signs for this purpose, the first step seems to have been to employ a class of the consonants whose sound naturally approached most nearly to that of vowels. These were the so called *matres lectionis* (א, ר, י), particularly the two last. The consonant sounds of י and ר are little more than a hardening of the vowels *u* and *i* (§ 7. 1.), and were therefore most frequently used for these vowel sounds, though occasionally for *o* and *e*. The letter א likewise was sometimes used to express the vowel *a*, especially its long sound, as in *קאם* *gam*, *ראמור* *ramoth*, *ראש* *rash*, but this very seldom, since *a*, as the most native of all the vowel sounds, requires least of all to be distinguished and signified in writing. Where no vowel was expressed, as in *פסק*, *שכך*, *קטל*, &c., *a* would more naturally than any other be understood as due of course.

3. The wants of a written language, however, were but imperfectly supplied in the expedient above mentioned. It formed but a distant approach to a regular systematic vocalization. More especially would its deficiencies be felt in proportion as the Hebrew ceased to be a spoken language. It then became an object to adopt some method by which the reading and understanding of the sacred text might be rendered easy and certain, and at the same time be permanently and immutably fixed. But this object was not to be effected by a further development of the alphabet; for the basis of the ancient mode of writing, representing the firmer and more essential elements of words, was considered as sacred and inviolable. An entirely new and independent device was to be adopted; and the result is before us in the very remarkable system of punctuation which has become inseparably interwoven with the text of the Hebrew Scriptures. By a somewhat complicated, but extremely ingenious apparatus of fine points and strokes, not only are the ancient sounds of the language even in their more delicate shades and relations preserved, but also a very ample commentary for the interpretation of the sense afforded.

4. In like manner, should our own language ever become extinct, it is evident that our very anomalous pronunciation of its vowels could only be recorded to posterity by diacritical points. Take for example the sentence, 'When the troubled mother bird heard her young chirp, she hurried back without farther delay.' In these few words we have the vowels *a*, *e*, *i*, *o*, *u*, and the diphthongs *ea* and *ou*, where we have placed the accent, all pronounced identically. The method which we should adopt to preserve this pronunciation is just the method which has been adopted for a similar purpose in the Hebrew.

5. The precise date to which this invention is to be referred it is impossible, from the absence of historical data, to fix with certainty. Nor are we any more able to determine the author or authors to whom the credit of it is due. Prevailing opinion indeed assigns the system, if not in its origin, at least in its completion, to a school of Rabbis, who flourished at Tiberias in Palestine,

about the beginning of the sixth century. It is certain, however, that there is a great lack of *authentic information* as to the real agency which these Tiberian Masorites had in perfecting this extensive system of punctuation, and the question of its origin is one of those historical problems which remain to be solved by the labors of future inquirers.

6. From what has been said, it is not difficult to determine the general value of the present punctuation. It is a system constructed with great minuteness and accuracy, as it regards both sound and sense. The labor bestowed upon it cannot be too highly applauded. It undoubtedly conducts us deeply into the interior structure of the language, and affords a very useful and important guide in ascertaining the meaning of the sacred books. Still it is only the representation of a tradition; but that tradition, though not infallible, is the oldest and most authentic which we are ever likely to possess, and no reflecting mind can but be grateful that such a faithful record has been preserved of the interpretation put upon the inspired oracles by those to whom they were originally given. At the same time, in our researches into the primitive genius and constitution of the Hebrew, it is often necessary to contemplate it as divested of every accidental appendage, and to give due weight to those traces of its character which are at variance with the punctuation, and which are often still preserved in the Kethib and Keri. It is evident that in such a study we must sometimes disregard a system which treats all the books of the Old Testament as if they belonged to precisely the same period of the language, which subjects them all to the same standard and the same constraint, and does not inquire whether the pronunciation of Moses differed at all from that of Ezra.

7. It is well known that few subjects in the whole range of ancient learning have given occasion to a sharper controversy, than that which respects the origin and antiquity of the Hebrew Vowel-points. For the sake of those who may be desirous of acquainting themselves with the sources of information on this much litigated question, the following list of authorities is subjoined:—Ludov. Capellus *Arcanum Punct. Revel. passim*. Buxtorf, Fil. *Tract. de Orig. et Antiq. Punct. Heb. passim*. Walton, *Proleg.* iii. §§ 38—56. pp. 125—173. Carpzovius, *Crit. Sacr. Vet. Test.* part i. c. v. § 7. pp. 242—27. Pfeiffer *Crit. Sacr.* c. iv. § 2. Gerard's *Institutes*, pp. 32—38. Jahn *Introd. to Old Test.* pp. 111—114. Prideaux's *Connection*, vol. i. part 1, book 5. Bauer, *Crit. Sacr.* pp. 128—141. Whitfield, *Trcat. on the Heb. Vow. Points*. Glassius, *Phil. Sacr.* pp. 14, 15, 28, 43, 102, 192. G. I. Vossius, *de Arte Gram.* Lib. I. c. 38. Lib. II. c. 8. R. Simon *Hist. Crit. V. T.* Lib. I. c. 27. Morinus *Exercit. de Ling. Primil. ubivis*. Is. Vossius *Dissert. Chronol.* p. 248. Leusden *Phil. Ebr.* Dissert. 13, seq. Calvin in *Zech.* xi. 7. Jos. Scaliger *Epist.* 243. Piscator *ad Gen.* xv. 8. Grotius *ad Mat.* v. 18. Lud. de Dieu *Gram.* Lib. I. c. 7. Loescher *de Caus. Ling. Heb.* Lib. II. c. 3. Erpenius *Praef. in Arcan. Punct. Cappelliani*. Alex. Morus in *Causa Dei*, pp. 73, 74. Wasmuth *Vind. Hebr.* c. i. § 3, p. 105, seq. Fagius, *Not. ad Targum Gen.* xlvii. 24.

§ 6. OF THE VOWEL SIGNS.

1. The vowels in Hebrew are represented by small strokes and points, variously arranged, and placed either above, below, or in the centre of the consonants to which their sounds severally pertain. Thus the sound of *a* in *far* in connection with the letter כ is represented by the figure (ַ) placed thus, כַּ = *ba*; and so of other vowel-sounds. These marks, usually termed *Vowel-points*, are ten in number, of which five are long and five short. Their names, forms, position, and power may be learned from the following table;—

I. LONG.

Name.	Form.	Power.	Rep. by	Position and Pronunciation.
כֶּמֶץ Kamets	ַ	<i>a</i> in <i>far</i>	ā	בַּל <i>bāl</i>
צֶרֶי Tseri	ִ	<i>a</i> in <i>hate</i>	ē	בֵּל <i>bēl</i>
חִירֶק Hireq } magnum	ִי	<i>i</i> in <i>pique</i>	ī	בִּיל <i>bīl</i>
חֹלֶם Holem	וּ	<i>o</i> in <i>go</i>	ō	בֹּל <i>bōl</i>
שׁוּרֶק Shureq	וֹ	<i>oo</i> in <i>moon</i>	ū	בּוּל <i>būl</i>

II. SHORT.

פֶּתַח Pattah	-	<i>a</i> in <i>hat</i>	ă	בַּל <i>bāl</i>
סֶגוֹל Segol	ֿ	<i>e</i> in <i>met</i>	ĕ	בֵּל <i>bēl</i>
חִירֶק Hireq } parvum	ֿי	<i>i</i> in <i>pin</i>	ĭ	בִּיל <i>bīl</i>
קִבּוּץ Kibbutz	ֿוּ	<i>u</i> in <i>pull</i>	ŭ	בּוּל <i>būl</i>
כֶּמֶץ Kamets } Hateph	ַֿ	<i>o</i> in <i>not</i>	ō	בֹּל <i>bōl</i>

REMARKS.

1. The consonants are to be sounded *before* the vowels and not *after*; as בַּ *bā*, not *āb*; שְׁלֹם *shā-lōm*, not *āsh-lōm*. A single exception to this occurs in the case of Pattah Furtive, § 11.

2. The names of the Vowel-points are derived for the most part from the position of the organs in pronouncing them. Thus כֶּמֶץ *Kamets* signifies *contraction* (i. e. of the mouth); פֶּתַח *Pattah*, *opening* (i. e. of the mouth); קִבּוּץ *Kibbutz*, *compression* (i. e. of the lips), &c. On the other hand, סֶגוֹל *Segol*, a *cluster of grapes*, derives its name from its form; and כֶּמֶץ חֶתֶף *Kamets Hateph* is merely the Hebrew expression for *Kamets short*, so called to distinguish it from simple Kamets. See § 19.

3. It would seem from the analogy of Hebrew forms that these names כֶּמֶץ *Kamets*, פֶּתַח *Pattah*, צֶרֶי *Tseri*, חִירֶק *Hireq*, שׁוּרֶק *Shureq*, סֶגוֹל *Segol*, have been altered from the original כֶּמֶץ *Kemets*, פֶּתַח *Pethah*, צֶרֶי *Tseri*, חִירֶק *Hereq*, שׁוּרֶק *Shoreq*, סֶגוֹל *Segol*, in order that they might have, in the very

first letter, the vowel-sound which they are intended to represent. With a view to preserve uniformity in this respect throughout, some Hebrew grammarians write *Sēgol* (סֶגוֹל), *Kūbbuts*, and *Kōmets-Hateph*.

4. After the vowel-signs above given began to be attached to the text, they often came in contact with the ancient vowel-letters (§ 1. 2.), as, בְּחַיִּיב, בְּחַיִּיב, and although a double vocalization often thus occurred, the power of the consonant being merged in that of the vowel, yet they both remained unchanged beside each other; the ancient one, because they could not omit the primitive vowel-letter, and the new, because it so far exceeded the old in adaptedness to the end. When ך or ם, for instance, thus concur with a sign for a vowel, as in בְּחַיִּיבִי, it is called *scriptio plena*; when the sign for the vowel stands alone, as in בְּחַיִּיבִי, *scriptio defectiva*. In regard to the actual use, however, of the one or the other of these modes of writing, much was left to the discretion of the transcriber, as the same word is often found in very different forms, e. g. הִקְרַמְתִּי *I have raised up*, Ezek. 16. 60, הִקְרַמְתִּי Gen. 26. 3, הִקְרַמְתִּי Jer. 23. 4, or הִקְרַמְתִּי as in other editions. Yet it may be remarked, that the *defective mode* was most commonly employed when a word received an augment at the end, as מְצַדִּיקִים, מְצַדִּיקִים; קוֹלִי, קוֹלִי; and that in the later books of the Old Testament the use of the *full*, and in the earlier, that of the *defective mode*, is most frequent.

5. Admitting that the present vowel system was elaborated and adopted gradually, as later grammarians are generally agreed was the case, the progressive steps by which the signs arose, were probably the following: (1.) The most simple and ancient we may suppose to have been a point *above* to signify the high sound, and a point *below* to signify the deep or low sound. (2.) These were afterwards, when they began to distinguish each of the five vowels, so limited that (◌◌) continued to be used for *ā*, (◌◌) for *i*, which is in accordance with the nature of these sounds (§ 7. 3.), while (◌◌) must have been early appropriated to *a*, because they endeavored, as much as possible, to write the signs *under* the letters, as being the most convenient method. For distinguishing the sound of *e* from that of *i*, they added an additional point to the sign of the latter, thus, (◌◌◌), which shows the origination of Tseri. The obscurer *u* was expressed by bringing down the *ā*-point to the middle of the letter; and thus a point was always placed in the middle of ך (ך◌) whenever that letter was used in the ancient mode of writing to express *u*; when it was not, the more distinct sign (◌◌◌) was written under the letter, whether the vowel there was long or short; so that both are often mutually exchanged as being perfectly equivalent to each other, as מְצַדִּיקִים and מְצַדִּיקִים, אֶלִּי and אֶלִּי, הוֹדִיָּה and הוֹדִיָּה, זְבֻלִּי and זְבֻלִּי. (3.) Lastly came the distinction of sounds as long and short. This applies less to *i* and *u*, because their quantity is naturally more limited, and because from the connection of the word and the ancient mode of writing it can generally be easily inferred; but (◌◌◌) was distinguished from (◌◌◌), so that the latter remained for *e*, and the former was used for short or sharp *ā*; while (◌◌◌) was lengthened by another stroke to (◌◌◌◌) for the distinction between *ā* and *ā*; and short *ō* became represented by the same sign.

6. This last peculiarity is very remarkable; for *â* and *ø* could not originally have been written with the same sign. That they are now so written has probably arisen from a confusion in later times of two signs which were originally somewhat similar ($\overline{\text{v}}$) and ($\overline{\text{v}}$ or v), and from a like confusion, by the later Jews, of the sounds of *a* and *o* themselves. This incorrect pronunciation of *o* for *a* is still prevalent among large bodies of modern Jews, particularly those of Poland; but it is impossible that the punctuation which in other cases distinguishes long and short vowels so minutely, could have originally set out with this utter confusion of *â* and *ø*, and such total forgetfulness of all forms. Great indistinctness and perplexity have actually come into the otherwise clear vowel system from this source; as must necessarily be the case from an attempt to distinguish *different* sounds by the *same* sign. The fact is, that in the present mode the distinction between *â* and *ø* has to be determined, not by the symbol, but by a familiar acquaintance with the etymology of the language; so that the object of the sign, which is to be intelligible to the eye, is effectually frustrated.

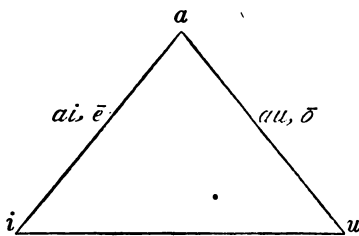
7. Though we have in the above Table distinguished the vowels as *long* and *short*, yet it is to be remarked, that these terms are somewhat loosely employed in this application of them, as the *laws of quantity*, which have been reduced to so exact a system in the Latin and Greek, are altogether foreign to the genius of the Hebrew. The distinction is adopted rather as a matter of convenience, than one of perfect accuracy; although it has still such a general approximation to truth, that while the learner is in no danger of being led by it into any material error, it will be found, from its superior simplicity, to possess decided advantages over the complex and elaborate classifications of some modern grammarians. Of the vowels denominated *long*, those which are accompanied by a *quiescent* (§ 4. c.) or *impure* (§ 7. 5.) letter, are best entitled to that character, viz., Hireq Magnum, Holem, Shureq, and Segol. Kamets is in itself more doubtful. It stands in many cases for a vowel originally short, and can only be considered long from the syllable's closing with a vowel sound, or having the tone accent upon it. Thus in דָּבָר, זָהָב, where both these conditions exist, the original form of the words was undoubtedly דִּבֵּר, זָהָב, but the pointing has been changed in consequence of the operation of the causes mentioned § 27. c. And the Kamets is said to be *long*, principally for the reason that it is *longer* than the Pattahh. So with Tseri in שִׁפְטָה, where it is put by the force of the tone for Segol (שִׁפְטָה), while the Holem in the first syllable is intrinsically and immutably long. On the contrary, the Kamets in אֲבוֹתָ, being used for original Pattah (אֲבוֹתָ) is only adventitiously long. See a fuller development of the principles regarding the *quantity* of the vowels, § 27.

§ 7. VOWEL SOUNDS AND LETTERS.

1. The primary and fundamental vowel sounds of the Hebrew and the Shemitic languages generally are those represented by the

letters A, I, U.* Of these A is the purest and most *native* sound, and is consequently predominant in the language. I and U, being pronounced with a more distinct compression of the anterior organs, are of firmer and more substantial sound, and hence they easily change into their still firmer semi-vowels J (pron. *yea*) and V, and are also, from their close inter-relation, easily attracted to and exchanged for each other, I being only the sharper, U the obscurer sound, but both being deeper than their common opposite A.

2. These radical vowel sounds have, however, a very strong tendency to *softening*, so that each sound may be changed into a feebler one closely related to it. A, for instance, becomes broader and descends to E; I and U expand themselves, and ascend to E, O; while the diphthongs *ai* and *au* melt into the softer sounds *ē* and *ō*, which again, as a possible case, may be further changed into the simple *ī* and *ū*. This mutual affinity of the vowel sounds may be not inaptly represented to the eye by the following diagram;—



Let the experiment be made according to this scheme, and it will be found, that in passing vocally from *a* to *i* the opening of the lips is the most elongated, and in passing from *a* to *u*, the most contracted, that the muscles of the mouth will admit; and that *ai* and *ē* on the one side, and *au* and *ō* on the other, represent the natural intermediate sounds between these extremes. The mouth is in fact in this case converted into a kind of tube, which is lengthened or shortened according as the sound of *i* or *u* is to be given. This view of the subject is important from the fact, that the reciprocal

* It is important for the learner to be advised in the outset, that the English letters here and elsewhere employed to illustrate the vowel system, have not their ordinary sounds. On the contrary, they are to be considered as representing the sounds assigned to them in the preceding Table (§ 6.) in the column headed 'power.' With our utmost efforts, it is impracticable to attain perfect precision in this point, but our remarks may perhaps be sufficiently intelligible if it be recollected that A (*â*) is to be sounded as *a* in *far, father*; E (*ē*) as *a* in *hate*; I (*ī*) as *ee* in *queen*; and U (*ū*) as *oo* in *moon*.

changes and commutations of the vowels, hereafter to be detailed, are governed in great measure by the mutual affinities here disclosed.

3. Now it so happens that the three dominant vowel sounds above exhibited correspond so nearly with those indicated by the *Evi* letters α , γ , η , that the latter have not only been considered by grammarians as representatives of the former, but also as affording a philosophical basis for the arrangement of the whole of the vowel signs into three distinct classes coinciding with these three leading letters. They will of course be ranged as follows:—

Ist Class ; A-sound, corresponding Vowel-letter א. { $\overline{\text{א}}$ Kamets.
 א Pattah.
 $\underline{\text{א}}$ Segol, long.

IId Class ; E and I-sound, corresponding Vowel-letter י. { $\overline{\text{י}}$ and י Long Hireq.
 י Short Hireq.
 $\underline{\text{י}}$ and $\underline{\text{י}}$ Tseri.
 $\underline{\text{י}}$ Segol short, and $\overline{\text{י}}$ long.

IIId Class ; U and O-sound, corresponding Vowel-letter ו. { $\overline{\text{ו}}$ Shureq.
 ו Kibbutz.
 $\underline{\text{ו}}$ and $\underline{\text{ו}}$ Holem.
 $\underline{\text{ו}}$ Kamets Hateph.

The vowels belonging to any one class are termed *kindred* to each other. Those of the first class are denoted by *vowel-signs* alone. In both the other classes the long are distinguished by an accompanying vowel-letter or quiescent usually termed *homogeneous*. Of these quiescent letters, and of the manner in which they are combined in pronunciation with the several vowels, see § 18.

4. Geseuius objects to the phraseology which represents a vowel-letter (either α , γ , η , or π) as *resting* or *quiescing* in a vowel-sign, and proposes so to modify the expression, that it shall be said, that such a letter is pronounced *as* or *by* such or such a vowel. Thus, for instance, he would say that

is expressed by Hireq, Tseri, or Segol ;

$$(\eta_{\cdot}, \eta_{\cdot}, \eta_{\cdot})$$

by Holem and Shureq (י and ה).

As the common method, however, besides being far more brief and convenient, is founded on a distinction of the *Ehevi* letters as *quiescent* and *moveable*, for which there appears to be a sufficient ground, it is doubtful whether the phraseology either will be done away or ought to be; and we have accordingly retained it in the present work.

5. It may here be remarked also, that vowels to which quiescent letters properly belong, whether written or not, are sometimes termed *impure*, while those destitute of such an accompaniment are styled *pure*. Thus the vowels in **בָּא, אֵשׁ, בֵּיר, קוֹל, קֵם**, are *impure*; and so also are those in **נִי, כֵּן, וְ** and the final ones in **שָׁמַיִם**, the true form of the words being **יָנִי, קוֹל, וְשָׁמַיִם**; a fact, however, which can only be determined by a knowledge of the etymol-

ogy of the words. On the other hand, the vowels in **אָב, יֵד, לֵב, נֶזֶק**, are *pure*. The distinction, however, is not of much practical importance, being in fact nothing more than a different mode of saying that a vowel has or has not a quiescent united with it. Yet the terms are occasionally employed in the subsequent pages.

OBSERVATIONS ON THE VOWELS.

I. The Long Vowels.

(a) **KAMETS** (ֿ=â). This point is sometimes called *Kamets long*, to distinguish it from *Kamets Haleph*, of the same form, but having the sound of short *o*. Rules for distinguishing them will be given in a subsequent section, § 19. As to the pronunciation of Kamets, there is no small diversity of usage, both among Jews and Christians. By the Spanish and Portuguese Jews it is sounded as *a* in *far*, e. g., **בָּרָא** *ba-ra*; by the German and Polish Jews as *o* in *bone*, e. g., **בָּרָא** *bo-ro*. In this country the authority of Prof. Stuart's Grammar, in the first instance, has given currency to the intermediate sound of *a* in *hall*, and that sound was adopted in the first edition of this Grammar, especially from its standing in such marked distinction from *Pattah*. But on further reflection, I have seen reason to give a decided preference to the sound of *a* in *far*; for, (1) The sound of *a* in *hall* is nowhere, that I can learn, given to Kamets out of our own country. To the Hebrew scholars both of Germany and England it is wholly unknown; nor is it ever heard among native Jews in any part of the world. (2) The scheme of vowel-sounds exhibited § 7, agrees with this sound of Kamets, and with no other. The primitive and most natural sound of the vowel is undoubtedly that which is made by simply opening the mouth and expelling the breath from the lungs; and this is clearly the sound of *a* in *far*. But if Kamets does not represent this sound, it has no representative, for *Pattah*, which comes nearest to it, requires some degree of compression of the organs. On the whole, therefore, the author does not hesitate to recommend to the student of Hebrew to accustom himself from the outset to give to this vowel the sound above indicated. Though perhaps less euphous, it is more proper.

P R A X I S.

לָךְ, שָׁח, קָח, יָמָא, נָא, דָּ, יָב, אָ
lāk, shāh, qāh, mā, nā, dā, bā, ā.

(b) **TSERI** (ֿ=ē) This vowel is always written under the line, and is marked by no special anomalies or peculiarities.

P R A X I S.

שֶׁח, רֵי, פֶּח, יָא, יֶ, יֵל, יֶת, אֶ
sēh, rē, pēh, rē, gē, mē, tē, ē.

(c) **HIREQ magnum**, or *long* (ֿ=ī). The letter Yod (י) in connection with this vowel is termed its *fulcrum*. It is a usual, but not an invariable attendant of the vowel; being omitted, for instance, though analogically due, in **נִיר** (*nir*) **דָּיֵד**, (*dā-vīdh*) **הָרִיד** (*hō-rīdh*). The presence of the י is, however, with few exceptions, the grand mark of distinction between

Hireq magnum, or long, and *Hireq parvum*, or short. Accordingly $\dot{\text{ה}}$ is pronounced *dīl=deēl*, while ה has the sound of *dīl*; and so generally.

PRAXIS.

רִיָּק, זִיָּפֹה, מִיָּן, גִּיל, דִּין, וִי, בִּי.
rīq, zīph, mīn, gīl, dīn, vī, bī.

(d) **HOLEM** ($\dot{\text{ו}}=\bar{o}$). Here also the $\dot{\text{ו}}$, like the $\dot{\text{ר}}$ in the case of *Hireq*, is merely a *fulcrum* to the vowel, which is essentially complete in the point ($\dot{\text{׀}}$) written above the line. The $\dot{\text{ו}}$ accordingly is very frequently omitted, as קֹל *qōl* for קוֹל ; תוֹרָה *tō-hā* for תורָה . As a general rule, the $\dot{\text{ו}}$, when thus used as an appendage to *Holem*, loses its original consonant power, and *quiesces* in the *Holem* (§ 18). This is obvious in the examples just given. But there are numerous cases where this quiescence does not take place. If, for instance, the $\dot{\text{ו}}$ has the *Holem-point* above and a vowel under it, it is to be pronounced as a consonant; e. g., $\text{רֹחַ$ *yē-hō-vâh*, not *yē-hō-âh*; $\text{לֹחַ$ *lō-vêh*, not *lō-zh*; קוֹם *qō-vīm*, not *qō-īm*. In like manner, the word קוֹרֵן for קוֹרֵן is pronounced *â-vōm*, though the $\dot{\text{ו}}$ be destitute of a vowel subscript. The point in this case ought to incline a little to the left of the apex of the $\dot{\text{ו}}$, but Hebrew types are seldom constructed with sufficient accuracy to mark this distinction. The relation of *Holem* to the diacritical point over ו and ו is peculiar. In order to avoid the concurrence of two points, which would happen when $\dot{\text{ו}}$ is preceded by ו , as in שׁוֹנָה , or succeeded by ו , as in מִוֹשָׁה , the $\dot{\text{ו}}$ is in such cases often omitted altogether, and the words written שׁוֹנָה and מִוֹשָׁה . When thus used, the point performs the double office of marking the vowel and distinguishing the letter; as it shows, in the above examples, that the first is to be pronounced *sō-nā* (not *shō-nā*), and the second *mō-shêh* (not *mō-sêh*). The general rule, therefore, is, that the point over the right tooth of ו (ו) is to be read as *Holem* if the preceding letter has no vowel of its own; as מִוֹשָׁה *mō-shêh*, דָּרֹשׁ *dā-rōsh*, חֹשֶׁךְ *hō-shêk*, שֹׁלֵם *shē-lō-shīm*. That over the left is to be read as *Holem* if the ו has no vowel point of its own, but the following letter has; as שׁוֹנָה *sō-vēr*, $\text{שׁוֹחַ$ *sō-hêt*, נִשְׁאָרִים *nē-sō-īm*. On the other hand, ו with two points, beginning a word is read *sho*, as שׁוֹמֵר *shō-mēr*, but ending a word or syllable is read *ōs*, as יִרְפֹּס *yīr-pōs*; consequently in the middle of a word it is to be read as *s* when it has either a vowel or a *Sheva* (§ 9); as בְּשֹׁם *bō-sēm*, נִשְׁאָרִים *nō-sē-īm*.

PRAXIS.

בּוֹ, דּוֹם, כּוֹל, שׁוֹן, חוֹשׁ, חֹשֶׁךְ.
hō-sēm, hōsh, sōn, kōl, dōm, vō, bō.

(e) **SHUREQ** ($\dot{\text{ו}}=\bar{u}$). This vowel-point always follows the consonant to which its sound belongs, and is written in the bosom of its *fulcrum* $\dot{\text{ו}}$, from which it is never separated. It is not however to be confounded with *Dageshed Vav* (ו), of the same form. They are distinguished by *Shureq's* never having a vowel under it, whereas *Dageshed* $\dot{\text{ו}}$ always has either a vowel or a *Sheva* under it, except when *Shureq* follows it. Thus קוֹם is read *qūm*, but קוֹם is sounded *qū-vām*. So רָאָה *rāv-vâh*, יִצְחָק *yē-izāv-vêh*, but קָרָה *qāv-vū*, without

a vowel subscript. Shureq at the beginning of words is pronounced like *ā* *ū* = *oo*; as *רְחִי* *ū-mī*, not *vū-mī*; *רֶחַן* *ū-vēn*, not *vū-vēn*; *רַחֵל* *ū-phā-râh*, not *vū-phā-râh*.

PRAXIS.

רְחִי, רֶחַן, רַחֵל, רְחִי, רֶחַן, רַחֵל
rīv-vā-hū, rīv-vū, nūn, rū-vū, rūv, lūn, gū.

2. The Short Vowels.

(f) PATAH (= *ā*). Patah, as a general rule, is short. In some cases it presents an anomalous appearance by being connected with a quiescent, as *לְקַחְתָּ*, *לְקַחְתָּ*, *לְקַחְתָּ*, but these cases are few, and owing to special causes, the consideration of which is not appropriate here. See § 26.3. When occurring under the final Gutturals *ח*, *ה*, *ע*, it is sounded, contrary to usual analogy, *before* instead of *after* the letter under which it stands, as *רַחֵל* *rū-āh*, not *rū-hā*; *מְשִׁיחַ* *mā-shīah*, *גְּבוּרָה* *gā-vō-āh*, *שְׂמֹעַ* *shā-mō-ā*. It is then called *Patah Furtive*, of which see § 11.

(g) SEGOL (= *ē*). This, though classed with the short vowels, is long in the following cases; (1) when standing in a simple syllable (§ 8. 6.), as *כֶּסֶף* *kē-sēph*, *מֶלֶךְ* *mē-lēk*; (2) before the quiescents *א*, *ה*, *ר*; as *מִיָּקָה* *miq-nēh*, not *miq-nēh*; *מֶה* *mēh*, *גֵּי* *ge*, *צֵי* *tzē*; (3) before a Guttural in which there is an implied Dagesh (§ 25.); as *אֶחָד* *ē-hhāv* for *āh-hāv*; *הֶחָרִים* *hē-hā-rīm* for *hāh-hā-rīm*. In all such cases Segol is to be pronounced like Tseri.

PRAXIS.

כֶּסֶף, מֶלֶךְ, מִיָּקָה, מֶה, גֵּי, צֵי
ō-lēh, mō-rēh, nē-phēsh, bē-lēn, mēl, bēl.

(h) KIBBUTS (= *ū*). Kibbutz is not unfrequently used as a substitute for Shureq; as *קָמָה* *qū-mū* for *קָמָה*; *קָטָל* *qā-tūl* for *קָטָל*. In this case it is long, and is called *Kibbutz vicarious*. It generally has this character when not immediately followed by a *Dagesh forte* (§ 16.); as *גְּבֻלָּה* *gē-vū-lē-kā* for *גְּבֻלָּה*. But when it stands in a mixed syllable (§ 8. 6.) it is usually *short*; *שְׁלֵחַן* *shūl-hhōn*, *קָבָה* *qūb-bāh*.

PRAXIS.

אֶב, לֵב, שֵׁם, לֵב, לֵב, לֵב
kē-rū-vīm, kūl-lām, lūq-qāh, gā-zūl, lūm, ūv.

(i) KAMETS HATEPH (= *ē*). This vowel agrees in form with Kamets. The rules for distinguishing them will be better given after settling some preliminary points necessarily involved in the distinction. See § 10.

GENERAL PRAXIS.

Each of the vowels to be named and its representative sound stated by the learner.

א, ב, ג, ד, ה, ו, ז, ח, ט, י, כ, ל, מ, נ, ס, ע, פ, צ, ק, ר, ש, ת, יו, יא, יב, יג, יד, יו, יז, יח, יט, כ, כא, כב, כג, כד, כה, כו, כז, כח, כט, לו, לא, לב, לג, לד, לה, לו, לז, לח, לט, מז, מא, מב, מג, מד, מה, מו, מז, מח, מט, נו, נא, נב, נג, נד, נה, נו, נז, נח, נט, סו, סא, סב, סג, סד, סה, סז, סח, סט, עו, עא, עב, עג, עד, עה, עז, עח, עט, פו, פא, פב, פג, פד, פה, פז, פח, פט, צו, צא, צב, צג, צד, צה, צז, צח, צט, קו, קא, קב, קג, קד, קה, קז, קח, קט, רו, רא, רב, רג, רד, רה, רז, רח, רט, שו, שא, שב, שג, שד, שה, שז, שח, שט, תו, תא, תב, תג, תד, תה, תז, תח, תט, יוד, יוא, יוב, יוק, יוד, יוא, יוב, יוק, יוד, יוא, יוב, יוק.

CHAPTER III.

§ 8. SYLLABICATION.

1. *Preliminary Remarks.*—There exist in Hebrew, essentially, three gradations of sounds;—(1) The *Syllable*, as the first and most simple sound, a sound intrinsically forming a member of a word, yet capable of being viewed and treated as independent and separable; (2) the *Word*, generally polysyllabic, and in that case holding together and uniting all its syllables by means of one syllable distinguished by the tone, but still closely connected with the proposition; and (3) the *Proposition*, or a limited expression of thought, generally consisting of several words, keeping all its words together by the sense of the speaker as indicated by the rise and fall of the vocal intonations, and particularly by the pause at the end. The movements of all oral sounds are within this circle, and the three governing principles are (1) the *vowel* for the syllable, (2) the *tone* for the word, and (3) the *sense* and the *pause* for the proposition.

2. In the *syllable*, vowel and consonant form an inseparable whole, but the vowel is the centre, the power which alone moves and unites. A vowel is a sound in itself distinct, either uttered pure (*a*), or compressed by the organs above or below (*i*, *u*) according to § 7. 1, but still resounding uninterrupted from the open mouth. This vowel-sound, however, though in itself a pure breathing, is at the same time sustained and modified by the intrinsically mute action of the organs of speech, viz. the lungs, throat, tongue, and palate (i. e. by the consonants); and since these sounds are much more manifold than the vowels, the number of possible syllables is very great. The vowels, therefore, properly considered, are the animating elements of the language, but compared with the shorter but firmer consonants, they are merely its finer, feebler, more pliable part, and hence in the formation of words the nicer and more intellectual distinctions of meaning are produced by them. At the same time it is to be remarked that although vowels and consonants are essentially different, yet there are certain mutual approximations between them, as *i* (*ee*) and *u* (*oo*), which are formed by a contraction of the organs, are more firm and substantial, i. e. come nearer the nature of consonants, than the pure *a*. And so of the consonants themselves, some are harder, and some more soft and liquid than others.

3. As a general characteristic, the Shemitic languages are well supplied with vowels-sounds, and for the most part avoid a concurrence of closely joined consonants, particularly at the beginning of a syllable, § 9. 1. This principle is most deeply interwoven with the whole system of word-formations, and constitutes one of the fundamental peculiarities of this family of languages. The Hebrew, however, is not the most vocalic of the Shemitic languages, and especially is it incapable of sustaining a short vowel in a simple syllable (§ 27.), as the Arabic in *kā-lā-lā*, and the Greek in *ἐ-γὲν-ἐ-γενό*. A short vowel can only remain in such a syllable when the tone sustains and animates it with new power; in other cases, as a general rule, it falls away. But as this does not

invariably happen, whenever, from any cause, a vowel originally short remains in a simple syllable, it regularly becomes long to sustain itself, § 27.

4. The general nature of the Hebrew syllable may be deduced from what we have now said. As the language according to a fundamental rule tolerates no short vowel in a simple syllable, therefore to form a syllable there must be a vowel supported by its own inherent length, or by its relative position in the syllable. With this very important preliminary principle before us we are prepared to enter upon the detail of the constitution of syllables, upon which, when once the letters and vowel-signs are mastered, the whole art of reading Hebrew depends.

5. Syllables in Hebrew are either *simple* or *mixed*; or, as they may be otherwise termed, *open* or *close*.* A *simple* syllable is one which terminates in a vowel sound, whether with or without a quiescent letter, בָּ *bā*, נָ *nā*, רֵ *rē*, without a quiescent; בֹּא *bā*, לֹא *lā*, מִי *mī*, זֶה *zēh*, with a quiescent. Such a simple or open syllable usually terminates in a long vowel, but it may have a short one, provided it be accompanied by the tone (§ 27.), as מֶמֶר *mā-yim*, בִּרְתָּ *bā-yith*.†

6. A *mixed* syllable is one which terminates in a consonant sound, as אֵל *ēl*, אֵט *āt*, מוּת *mūth*, כֹּל *kōl*. So in לֶמֶד *lā-mādh*, מֶלֶךְ *mē-lēk*, בִּרְתָּ *bā-yith*, the first syllable is simple, the second mixed. The vowel for the most part in such close or mixed syllables is short, being compressed in utterance and firmly attached to its connected consonant. It is only when the tone adds its influence at the end of a word that the voice permits the vowel in a mixed syllable to be sounded full without compression, as בָּם *bām*, דָּבָר *dā-vār*, מַלְכָּם *māl-kām*, where it is long. See § 21.

7. We have remarked above that although the Hebrew, as a general rule, tolerates only one consonant at the end of a syllable in the middle of a word, yet a *final syllable*, which is freer and more sonorous, may admit of being closed with two different consonants. To this, however, it is requisite that the pronunciation of the last consonant in such a combination should be easy, that is to say, that it should be a letter capable of being so attached as to be distinctly heard, especially after a liquid, as אֶרֶד *ārd*, נֶרֶד *nārd*, אֶגְדֹּל *āg-dāl*, כֶּתֵב *kā-thab*, יִשֶׁק *yāshq*. But where this condition does not exist, then a very short toneless vowel is inserted as *euphonic* or *auxiliary* before the last consonant, namely the short *e* (Segol), the most spontaneous sound in these and similar cases,

* Instead of *mixed*, Ewald usually employs the epithets *compound* or *shut*; a half-mixed he denominates a *half-shut* syllable. This phraseology is occasionally followed in the present work.

† The perpendicular stroke in these words () technically called *Metheg* (§ 17.), is used as an accent to denote the tone-syllable. It is employed for a similar purpose generally throughout the work, except in the chapter which treats expressly of *Metheg*.

as סָפָר for סִפָּר, קָנַשׁ for קִנֵּשׁ. The particular cases in which this *euphonic* vowel is or is not used, can only be understood by a knowledge of the principles of formation. The following may serve as an epitome of them. (1) In the second pers. sing. fem. pret. of the verb universally (קִטְּלָתְּ) the hard sound is always retained, because ת attaches itself easily and closely to any consonant. (2) In those verbal forms which are produced by apocopation (§ 34. 4.) the euphonic vowel is introduced only occasionally, as יִרְבּ *yirr*, and יִרְבּ *yi-rev*. (3) All the nominal forms constituting the class called *Segolates*, described hereafter, regularly adopt this mode of facilitating their pronunciation, as מְלִכָּה for מֶלֶךְ, דְּחָשׁ for דָּחַשׁ, &c.

§ 9. SHEVA.

1. As before remarked, a leading and fundamental peculiarity of the Shemitic family of languages is, that they are rich in vowel sounds and do not tolerate a great accumulation of consonants, and especially that they never begin a syllable with two or more closely joined consonants, as often happens in European languages, e. g. *κσεινω*, *σπλαγχνα*, *Ptolemy*, *bdellium*, &c. But while this is the case, it is a remark of equal importance, that the genius of the Hebrew forbids *that any word or syllable should begin with a vowel*. A simple consonant must always necessarily *precede* the first vowel in a word, although such consonant may be either one of the weakest class, a mere gentle breathing, answering to the *spiritus lenis* of the Greeks (§ 25. 1.), as אֱמֹר 'omār, וְאֵין 'umīn, אֶתְּבֹא 'ektōb, יִשְׁאֵל 'yish-āl, or one of the most firm and substantial, as הָרָה *hār*, לֹה *lō*, מִקְלָב *mik-tāv*.

2. As the language then has an insuperable repugnance to such a combination of sounds as is heard in the English words *brand*, *bled*, *tramp*, &c., in order to avoid this, the Hebrew adopts a peculiar expedient in the use of the character called *Sheva* (שְׁוָא), indicated by the figure (·) and representing the light fleeting vowel or half-vowel sound of *e* in its most hurried pronunciation, as in *teti-git* in Latin, or *tenement* in English. Thus פֶּרִי *perī*, not *pri*; כְּסִיל *kesīl*, not *ksil* or *xil*; בֶּנֶה *benō*, קֶטֶל *qetol*, all which are to be regarded as strictly monosyllables. According to this analogy the words above mentioned would be pronounced *berand*, *beled*, *teramp*, &c. This Sheva is termed *simple* to distinguish it from the *composite Shevas* peculiar to the Gutturals, of which an account will hereafter be given (§ 10). It is found at the beginning and in the middle of words, but as a general rule, a consonant at the end of a word does not receive Sheva, as אֵם *em*, גָּתָל *gātāl*. This is owing to the fact,

that as one main object of the Sheva is to indicate the absence of a vowel, its insertion under a final letter is unnecessary, because from the very principles of formation, almost all words end in a consonant without a vowel, so that the last consonant may safely be *assumed* to be vowelless. To this, however, there are the following exceptions; (1.) When the final letter is ך, which always takes it, as רַךְ *rāk*, מֶלֶךְ *mē-lēk*. (2.) When a word ends in two consonants both receive Sheva, as יָפֶת׃ *yapht*, יֶשֶׁשׁ׃ *yēshu*, הִגְדַּלְתָּ *higdalt*. (3.) When the final letter has Dagesh (§ 12.) inscribed, Sheva is written, as אֵת׃ *āt*, שָׁמַעְתָּ *shā-mā-āt*, נָתַתָּ *nā-thāt*, יֵי-חָדָּ׃ *yī-hhād*. (4.) In the following anomalous cases it also occurs, viz. חָיִית׃ *hā-yith*, and בָּאֵת׃ *bāth*, 2 Sam. 14. 2, 3: But wherever a letter occurs without a Sheva either in the middle of a word, or at the end after a Sheva, it denotes that such letter has no consonant power in such a position, but is to be considered as wholly mute or quiescent (§ 18.), as חֶזֶל׃ *hhēl*, בֵּין׃ *bēn*, עֵלֶיךָ׃ *ā-lē-kā*, עָלָיו׃ *ā-lāv*. The א in such cases as חֶזֶל׃ above, וַיָּרָא׃ *vā-yār*, הֵבֶל־הָא׃ *hē-vē-thā*, &c., is termed *otiant* or *in otio*, as is also י in such words as עָלָיו׃, דְּבָרָיו׃, בְּנֵיו׃, &c.

3. It is to be borne in mind, that we are here considering Sheva entirely in reference to its office *as an element of pronunciation*. But its use in the language is by no means limited to this. Its very name, as usually interpreted שְׁוֵאָה *vanity, vacuity, nothingness*), carries in it a striking intimation of another end designed to be answered by it, viz., to denote the absence or *negation* of a vowel, and that too as the result of the operation of established laws, and not as the consequence of oversight on the part of transcribers. Viewed in this light, it is not properly to be regarded as a vowel, *but as the substitute for a vowel*, in which relation it enters essentially into the system of vowel-changes hereafter to be detailed.

It may also be observed, that although the primitive and most legitimate sound of the simple Sheva is properly represented by the short *e* as above described, yet it would seem, from the hints of the early grammarians and the usage of the Septuagint, that its sound was in many cases modified by that of the following vowel, so as occasionally to approximate nearer to the sound of *a*, *i*, *o*, or *u*, than of *e*. Thus, for instance, in the Greek of certain proper names, we find סָדֶם represented by Σοδομα, שְׁלֹמֹה Σολωμων, שְׁבִמְוֶאֶל by Σεμσηλ, and צִבְאוֹת by Σαβαωθ. This is similar to the Latin *momordi*, *pupugi*, *pepigi*. So in דְּבָרָה, as the Sheva is a substitute for Kamets (דְּבָרָה), the Rabbins inform us that the original vowel exerts some degree of influence upon the Sheva, causing it to be sounded very nearly as *d^a vār* instead of *d^e vār*. In like manner before a Guttural the same effect is produced, as דְּרָגָה *d^a ū* instead of *d^e ū*. But however this might have been anciently, such niceties of utterance are now not at all regarded, but simple Sheva when vocal has always one uniform sound, viz., that of short *e* as above stated.

4. In allusion to its office as aiding in the enunciation of initial consonants, Sheva is termed *mobile, moveable* (נָע),* i. e. *vocal, audible, sounded*; but when occurring at the end of a syllable, *quiescent* (נָח), i. e. *silent, unpronounced*. The former character it of course uniformly sustains,

(a) At the beginning of words, as לֵבָב *levāv*, דֶּרֶךְ *derō*, דְּבָרִים *devā-rim*.

(b) In the middle of words after another Sheva, as יִקְטֹל *yīq-telū*, מִצְבְּחָה *mīz-behha*.

(c) Under a Dageshed letter (§ 12.), as קִטְלָה *qit-telū*, לֵבָבִים *lēb-bekēm*. This is evidently equivalent to the foregoing, as such letter is to be considered as reduplicated, and each accompanied with Sheva; thus קִטְלָה = קִטְטָלָה; לֵבָבִים = לֵבֵבֵבִים.

5. In other instances the character of Sheva as vocal or silent depends upon its peculiar relation to the syllable, which is less easy to be determined. The only question in any case is, whether it begins or ends a syllable. If the former, it is vocal; if the latter, silent. The solution of this point depends, as a general rule, upon the quantity of the preceding vowel. If the vowel be short, the Sheva is silent and the syllable of course mixed, as מֶקֶטֶל *māq-tel*, נֶמֶד *nīl-mādh*. If the vowel be long, the previous syllable being already complete, the Sheva goes to the succeeding one, and becomes vocal, just as at the beginning of a word, as קָטֹלָה *qā-telū*, תֵּלֶדְהָ *tē-l-dhā*. This effect however is reversed whenever the tone accent falls upon such a long vowel, it being an invariable rule in Hebrew, that a long vowel with the tone should make with the ensuing Sheva a mixed syllable, as שֹׁבֵנָה *shōv-nāh*, תִּקְטֹלֵנָה *tīq-tōl-nāh*. The fact of accentuation alone here renders the syllable mixed, nor without a knowledge of this fact could the learner determine whether in the above cases the correct pronunciation were *shōv-nāh*, *tīq-tōl-nāh*, or *shō-venāh*, *tīq-tole-nāh*. But there is usually no difficulty in ascertaining the tone-syllable of words, and consequently little or none in determining the true character of the Sheva. On the tone see § 21.

6. It is to be remarked, however, that the line of distinction which we, in common with most grammarians, have drawn above between vocal and silent Sheva, is not in fact always so broad as

* A *moveable* letter is one which is *pronounced*. The term is used to distinguish such letters from those that are from any cause *quiescent*. A *moveable* Sheva is the same as a *vocal* Sheva.

might be inferred from our statement. A multitude of cases occur in which the Sheva cannot in strict propriety be considered as either fully vocal or silent; as for instance, where a vowelless consonant, and therefore one requiring Sheva, belongs neither to the preceeding nor to the succeeding syllable entirely, but floats, as it were, between them both. Thus in **יָלֵדָהּ** the pronunciation is not properly *yāl-dhē*, nor *ya-le dhē*, but rather *yallēdhē*. So **בִּכְתֹּב** *bikk'thōv*, not *bīk-thōv*. In like manner, such cases as **הָלַלְתָּ** *hall'lu*, **הָנַנְתָּ** *hān'nī* are doubtless to be resolved on the same principle, though generally treated as having Dagesh forte (§ 12. 2.) implied. This kind of Sheva, which is of indispensable importance in explaining the peculiarities of Dagesh lene (§ 12. 7.), may be very appropriately termed *floating Sheva*, or *Sheva medial*, and the imperfectly mixed syllable which it forms, a *half-mixed* or *half-shut* syllable. The cases, however, in which such syllables arise, can be learned only from the principles of formation as detailed § 12. 10. *a*.

7. Those compound syllables whose final consonant is identical with the first consonant of the succeeding syllable, like **קָלָלְתָּ** *qāl-lū*, **קָלַלְתָּ** *qāl-lām*, **צִלְלוּ** *tsil-lō*, are marked by several peculiarities which require to be distinctly stated. As the sound arising from such a concurrence of letters is little more than a thickening or prolongation of the sound of one of them, it was doubtless deemed sufficient to express but one in writing. It will be evident, moreover, upon consideration, that when the two consonants only produce the same sound prolonged, the vowel is not so compressed as before two differing consonants which clash with one another. The sound of Pattah, for instance, is more open and free in **גָּלְלִיתָ** *gāl-lī-tā* than it is in **בָּנִיתָ** *bān-tā*, that is to say, the voice more easily dwells longer on the vowel in the former than in the latter. This is made still clearer from the fact, that in several instances, from the natural great protraction of the previous vowel, an adventitious letter has actually intruded itself, and prevented the usual reduplication, as **קָמֹשׁ** for **קָמֹשׁשׁ**, *a prickly weed*, Hos. 9. 6, **פִּלְגָּשׁ** for **פִּלְגָּשׁשׁ** *concubine*, Judg. 19. 1, 2, **מִזְרִיגָה** for **מִזְרִיגָהשׁ** *threshing sledge*, 1 Chr. 21, 23, **דָּמָשֶׁק** for **דָּמָשֶׁקשׁ** *Damascus*. But it is by no means uniformly the case that the same consonants coming together do thus coalesce in sound, for in order to render such a reduplication distinctly audible, a peculiar and appropriate condition of the sounds themselves is necessary. It is only possible for them to unite when there is not an immutable long vowel either between or before the two sounds to keep them apart, as is the case in **סְבוּבָה**, **קְסוּבָה**. Still less is the effect possible if the first of these consonants is in itself double, since its vowel is then as firmly supported as if it were long, as **תִּקְלָקְלָהּ**. As a general rule, the reduplication is most easy when the letters stand between two distinct vowels; and firm consonants are more capable of it than weak or liquid ones, and the unaspirated than the aspirated.

Hence there are gradations according to which it takes place. At the end of a word without a vowel it is of course impossible, § 12. 2. Again, if the consonant to be doubled begins the following syllable *without a distinct vowel*, as in *וְהָיָה*, *וְהָיָה*, it is more difficult, particularly in rapid utterance, to hear the reduplication distinctly, and it gradually disappears; as is evident from the omission of Dagesh in the above and multitudes of similar words, especially those of very frequent occurrence. Thus *וְהָיָה* and *he spake*, for *וְהָיָה*; *וְהָיָה* and *they raised*, for *וְהָיָה*; *וְהָיָה* *praise ye*, for *וְהָיָה*; *וְהָיָה* *behold me*, for *וְהָיָה*; *וְהָיָה* *his throne*, for *וְהָיָה*; and often with *ק*, as *וְהָיָה* *my staff*, for *וְהָיָה*; *וְהָיָה* *seekers*, for *וְהָיָה*.

§ 10. COMPOSITE SHEVA.

1. The essential nature and functions of all the Shevas are the same. They are a device for marking the various transitions from a purely consonantal to a distinctly vocalic utterance, which is effected by interposing the most fleeting and hurried sounds of *a*, *e*, and *o*, where the exigency requires them. Of these that of *ē* (simple Sheva) is the most spontaneous and frequent, and this occurs in connection with every letter of the Alphabet except the Gutturals. The pronunciation of *these* is so peculiar, that it cannot but modify in some degree that of the associated Sheva. The Gutturals having themselves a sound more open and kindred to *a*, they necessarily impart a portion of their own power to the accompanying Sheva, making its sound more distinctly vocalic. While therefore the punctuators have properly left the original sign of the Sheva in its place, they have connected with it the sign of each of the short vowels *ā*, *ē*, *ō*, to indicate more clearly the real character of the sounds to be uttered. These are usually termed by Jewish grammarians the *Hateph-vowels* (חֲטֵפִים *hurried, rapid*), and form the class represented in the following table:—

Composite Shevas.

Names.	Form.	Sounds.	Rep. by
חֲטֵף פָּתַח Hateph Pattah	ֿ	<i>a</i> in <i>lilany</i>	<i>ā</i>
חֲטֵף סֵגוֹל Hateph Segol	ֿ	<i>e</i> in <i>memory</i>	<i>ē</i>
חֲטֵף קָמֶץ Hateph Kamets	ֿ	<i>o</i> in <i>ivory</i>	<i>ō</i>

For the reason to which it is owing that *i* and *u* (יֿ and וֿ) are never found as Hateph-vowels, see § 25. 6.

2. There are, however, some exceptions to the general rule of accompanying a vowelless Guttural with a compound Sheva; as

they sometimes occur with simple Sheva, as יְחַדֵּל instead of יַחְדָּל, יִדְבֹּק instead of יַדְבֹּק. Regard is had, however, in this usage to the comparative strength or weakness of the several Gutturals. As ה is the strongest of this class, it most frequently takes the simple Sheva; ח and ע but seldom, as נְחֵמָה, נְחֵמָה; and א, the weakest, seldom still, as נְאֻם.

3. No uniform principle appears to have been adhered to as to the kind of Sheva to be employed under the several Gutturals. The choice would seem to have been left entirely to the discretion of the writer, the same words frequently occurring with different Shevas. In general, however, ה, ח, ע, at the beginning of words are found with (·), and א with (··).

4. Although the Composite Shevas belong *appropriately* to the Gutturals, yet they are occasionally found under other consonants, in which cases their use seems to have been prompted by a desire to guard against the danger of mistaking a silent for a moveable Sheva in the middle of a syllable. There can be no doubt or danger on this score with Sheva at the *beginning* of a word, as פָּרָה, פָּרָה, or *after* a compound syllable, as מְחַשְׁבוֹת, רִקְצָבוֹ, where Sheva may readily be known to be Sheva vocal by the necessity of the pronunciation. But in other cases, where this danger exists, the policy seems to have been to increase the audibility of Sheva as much as possible, for which purpose the form of a Hateph-vowel (composite Sheva) was given it, and more especially where this lengthening was at the same time favored by other circumstances of the sounds. Of these fleeting vowels the most natural and easy, viz. *a* (·) is prevalently used; *e* (··) is never found; and but seldom does an *o* (··) obtrude itself, and that only on account of a powerful kindred *o* or *u*-sound in the neighborhood, as רִנְנָה for רִנְנָה, Jer. 22. 20. So, for substantially the same reason, נִסְמָה for נִסְמָה, 1 Sam. 28. 8. רִנְנָה, Ezek. 35. 6. בְּתוֹנָה, Lev. 10. 5. The remaining particular instances are, (1) Where the design is to show clearly that the syllable is only a very loosely mixed one (§9. 6.), especially on account of the obscure heavy *u*, which likes to be separate, as רִנְנָה *roo-ū-phash* (not *rool-phash*), Job 33. 25. וְהָיָה, Gen. 2. 12. So after the sharp *i*, as נִמְרָה, Ps. 12. 7, and with *Dagesh dirimens* (§12. 5.), as שִׁבְרָה, Zech. 4. 12. More rarely after *a*, as וְהָיָה (from the interrogative הָ and הָיָה), Gen. 27. 38; and in a close compound syllable only where it is broken up by Maqqeph and Metheg, as רִנְנָה-קִרְיָה, Gen. 21. 6. (2) Where the consonant has lost its reduplication, according to §9. 7, and where therefore both syllables may be more easily intermixed, as נִמְרָה-הָיָה, Judg. 16. 16. לִקְרָה, Gen. 3. 23. (3) Seldom after a long vowel, as נִמְרָה Ezek. 4. 10, especially with the semi-guttural ר, as רִנְנָה, Gen. 27. 27—31. The influence of all these causes to keep the two sounds farther apart, is increased if the same consonant occurs twice in succession, as נִמְרָה, Ezek. 35. 7. נִמְרָה, 1 Sam. 2. 25. נִמְרָה, Gen. 29. 3, 8.

PRAXIS IN SYLLABICATION.

גָּלַל, אָרַר, אָמַר, חָרַר, דָּרַר, מָרַר, קָטַל, כָּלַל, שָׁלַל, רָחַל, מָלַל, זָלַל
 galal, arar, amar, charar, darar, marar, qatal, kall, shall, rakh, mall, zal
 שָׁם, רִחַטְיָה, פָּקַד, יָשַׁר, לִמְדָה, יָאֵב, מָאֵד, יִפְרָט, יָאֵר, חֲלָא, רָלַי
 sham, rikhatyah, pakad, yashar, limdah, yav, mad, yifrat, yar, khala, ralai
 אָמַת, יִפְחָס, עֲרַפֵּל, בָּדַד, יִדְרֹר, חָלוּם, בָּדוּל, בָּקַטַל, יִסְלַח, קָדַשׁ
 amat, yifchas, arafel, badad, yidror, kholum, badul, bakatal, yislah, qadash
 אֲרָמֹן, חֲלָמַד, אֲרָפְמֹן, רִבְלָתַי, קִטְטָרִי, בָּמָה, בָּרַד, אֲמָרָה, יִשְׁנָה, אֲבֵלָה
 aramon, khalmad, arafmon, riblatay, kittari, bamah, barad, amarah, yshnah, avelah
 פִּתְרִי, תֵּאמְרִי, וְשָׁרָה, בְּאִמְנוּנָה, אֲחָבִי, בַּחֲלָמִי, יִשָּׁה.

§ 11. PATTAN FURTIVE.

1. This is a name given to Patah when occurring under either of the Gutturals ה, ח, ע, at the end of a final syllable, and preceded by a long vowel not of the A-class, in which case it is to be sounded *before* the consonant and not *after*. This is not an arbitrary, but a necessary usage. For as those letters cannot be pronounced after the vowels *e, i, o, or u*, at the end of a word without the intrusion of more or less of an *a*-sound (hence termed *furtive*), therefore in such words as מִשֵּׁחַ, רוּחַ, רֵעַ, since they naturally and of their own accord yield the pronunciation *rē-ā, rū-āhh, mā-shi-āhh*, the corresponding external indication of that sound is made to appear in the mode of writing, as מִשֵּׁחַ, רוּחַ, רֵעַ. As the Patah furtive, however, is merely a euphonic help and belongs not to the essential forms of words, it falls away upon the accession of syllables, as רֵעִים, רוּחוֹת, רוּחֵי.

2. *Pattah furtive* never appears under the Guttural **ḡ**, because this letter at the end of a word is always mute.

3. Besides Pattah, Segol, and Hireq also, when occurring under the penultimate letter of a word, are often, from the office which they perform, termed *furtive* vowels (§ 8. 7.), but they are then as usual to be sounded after their consonants.

§ 12. DAGESH.

1. **DAGESH** (דָּגֶשׁ i. e. *hardening, strengthening*;) is the name given to a point inserted in the bosom of a consonant, as בּ, and serving the two-fold purpose (1) Of doubling the letter, as קָטַל = קָטַלְקָטַל *qū-tēl*, יָמַם = יָמַמְיָמַם *yām-mīm*, in which case it is called *Dagesh forte* (דָּגֶשׁ חֶזֶק); (2) Of *hardening* the aspirates, i. e. taking away their aspirate or softer sound, in which case it is termed *Dagesh lene* (דָּגֶשׁ לֵנָה), as מָלַח *māl-káh*, יֻלְטֵן *yūk-tōv*, הֻנְדֹּפֶה *hūn-dōph*.

2. **DAGESH FORTE.** As the reduplication of a letter is most audible between two distinct vowels (§ 9. 7.), it follows that Dagesh forte has its appropriate place in the middle of a word, as סַבְּ *sāb-bū*,

מִדָּם *mīd-dām*, קָטֵל *qāt-telū*. The final consonant of a word, as it cannot in the nature of the case be sounded double, does not receive Dagesh; but whenever in the course of flexion such a letter shifts its position and comes to stand in the middle of a word, the Dagesh due is inserted, as קָל *qāl* instead of קַל (*qāl*), but pl. קָלִים *qāl-līm*; אֶפֶה *āph*, (אֶפֶה), pl. אֶפֶיִם *āp-pīm*; יָצַר *yātsāv*, יָצַרְוּ *yātsav-rēh*, (§ 34. 4. c.). The Gutturals, according to § 25. 8. never receive Dagesh. As these letters from their nature are not susceptible of reduplication, whenever by analogy they *would* receive Dagesh, it is rejected and the omission compensated by lengthening the preceeding vowel, as יֶעֶקֶב for יַעֲקֹב, בֶּרֶךְ for בְּרַךְ, בֶּרֶךְ for בְּרַךְ.

4. Dagesh forte is distinguished into *Compensative* and *Characteristic*; the former being used to supply the deficiency of a letter lost through assimilation or absorption (§ 24 3.), as עֶשֶׂה *yīg-gāsh* for עֲשֵׂה *yīn-gāsh*, רָקַח *yīq-qāhh* for רָקַח *yīl-qāhh*, אֶפֶי *āp-pī* for אֶפֶי *ān-phī*; the latter denoting, not an accidental, but an essential peculiarity in the form of a word, as קָטֵל *qūt-lēl*, the form of the Piel conjugation of the verb קָטַל in distinction from Kal, § 32.

5. Another distinction of Dagesh of considerable importance, termed by some grammarians *Dagesh dirimens*, arises in the following circumstances:—When the final consonant of a syllable in the middle of a word is not closely attached to the following syllable, but floats between both with a short half-vowel sound (§ 9. 6.), the voice almost spontaneously doubles it after the preceding short vowel, as סָבַח for סָבַח, מָקָרַח for מָקָרַח. Hence a Dagesh forte is often placed in this consonant to point out this *separation* of the consonant with Sheva from the following syllable, and to distinguish the Sheva as *Sheva medial* or *floating* (§ 9. 6.) from Sheva mute, of which the above are apposite examples. This use of *Dagesh dirimens*, which is closely related to that of Dagesh lene as explained § 12. 10. a. is not very regularly observed; but it is properly and most frequently found where the consonant with Sheva, though attached to a preceding short vowel, yet on account of the *adventitious nature of such vowel in that place* is but very loosely attached, and so suffers an original Sheva vocal to be quite distinctly heard. The principles of formation only can show where and how such very loose compound syllables arise, but the prominent cases are, (1) With the interrogative הָ, which is most loosely attached, as הֲתִנֶּחֱמָה (not to be read *hāk-thoneth*, but *hāk-k'thoneth*, because derived from תִּנֶּחֱמָה *k'thoneth*), Gen. 37. 32. (2) In the construct state, where Sheva as being shortened from a full vowel always remains as Sheva moveable, or at any rate as Sheva medial, and the preceding vowel is only assumed from the necessity of the pronunciation, as עֲבָרָה for עָבְרָה, from עָבַר, Deut. 32. 32, חֲלָקָה from חָלַק, Is. 57. 6. (3) So also עֲנֹתוֹתִי *a man of Anathoth*, from עָנָתוֹתִי, Jer. 29. 27. (4) A vowelless consonant in the middle of a word does

not attach itself so closely to a liquid as to a firm consonant, it being easier, for instance, to pronounce רִפְּתָה than רִפְתָּה ; hence to point out this looser connexion the Dagesh dirimens is sometimes employed, particularly before ר , as אֶפְרָה , Hos. 3. 2, רִיקָה , 1 Sam. 28. 10, מִקָּה , Deut. 23. 11. Moreover ר itself, contrary to general usage, sometimes receives this lighter reduplication, as חֲרָרָה , 1 Sam. 10. 24; comp. Judg. 20. 43, 1 Sam. 1. 6.

6. There is in addition to the above another use of the Dagesh forte which may be called *euphonic*, or perhaps better *conjunctive*, as it depends upon the close conjunction of two words, particularly by means of Maqqeph (§ 16.), by which a monosyllabic word, or at least a word with the tone on the first syllable, becomes attached to another more independent word. This conjunction consists in the vowel which ends the word becoming shorter, by its shortness doubling the first consonant of the next word, and being so drawn over to it that they are pronounced together, as מֶה-זֶּה , pronounced *māz-zōh* and *māl-tōv*; whence in the ancient writing מֶה was joined on to the following word, especially if it were a short one, as $\text{מֶה-זֶּה} = \text{מֶה-זֶּה}$, $\text{מֶה-לָּכֵן} = \text{מֶה-לָּכֵן}$. The above particle מָה *what?* from its interrogative power, which naturally forms a tendency to hurried pronunciation, is peculiarly liable to have its *ā*-sound shortened in this manner, and the first consonant in the following word reduplicated. Other instances are the following: מֶה-פֶּשַׁעִי , Gen. 31. 36, מֶה-נָעִיר , Ps. 133. 1. Again, a monosyllabic word is easily attached to a *preceding* one, and usually in such a case the final syllable, which is for the most part, though not always unaccented, is not shortened before the reduplication, which is consequently only weakly audible, as עֲלִית־שָׁם *ālithāshshām*; so תֵּל־כְּנֻזִּים , קוֹמֹ-צֶאֱזָא , אֶרְצֵה-בְנֵי , רִאֲחֵה-לִּי , הִשְׁלֵמֵה-לָּךְ . Cases like the last, however, with Shureq are rare, as seldom any vowels but Kamets, Pattah, and Segol, are employed before Dagesh conjunctive. The following instances of a peculiar kind are usually ranked under the head of Dagesh euphonic, viz., חֲדָל , *hāh-dāl-lū*, instead of חָדָל *hāh-dāl-lū*, יִרְחֹתוּ for יִרְחֹתוּ , יִרְחֹתוּ , &c.

7. DAGESH LENE. The six mutes, or Begadh-Kephath letters, ב , ד , ג , כ , פ , ת , have a strong tendency to a softer, that is, an aspirated sound, by which *b*, *d*, *k*, *p*, *t* especially, are gradually changed into *bh* (*v*), *dh*, *ch*, *ph* (*f*), *th*. It would seem, therefore, at first view, that as the *hard* sound of these letters is the primitive and genuine one, the proper way would have been to consider them as having this sound whenever there was no indication to the contrary; in which case the insertion of a point would naturally have denoted the *secondary* or *soft* sound. The reverse of this, however, is the fact; Dagesh lene being employed to indicate *the removal of the aspiration* and the return of the original hard sound. This apparent anomaly is accounted for by supposing that in the later periods of the spoken language the softer enunciation predominated

and constituted the rule, while the harder formed the exception, so that the latter was marked with the point instead of the former. The phraseology on the whole is unfortunate, as the use of the epithet 'lene' i. e. *mild, soft*, to convey the idea of *hardening* a sound, is plainly inappropriate, and leads to inevitable confusion of ideas. Against this the student can only guard by fixing firmly in his mind in the outset the true character and grounds of the distinction.

8. Dagesh forte also occurs in the Aspirates as often as in the other letters, and there not only performs its proper office of *doubling* the letter, but has the effect also of removing the aspirate sound in the same way with Dagesh lene, as אָפֿ אֶפֿ-לִי not אֶפֿ-לִי, לִבֿ לִבֿ-בִּי not לִבֿ-בִּי.

9. The rules which govern the occurrence of Dagesh lene in particular positions arise out of the vocal principles in which it originated. Of these the most important is, that the softer or aspirate pronunciation can only take place *after* a vowel in a simple syllable or following a vocal Sheva; for the sound of the vowel being itself naturally soft and aspirate it communicates its influence to the mute immediately following. Thus the כ and ב are softened in רִכָּבֿ and רִבָּבֿ. So also after the fleeting or fragmentary vowel sounds denoted by the Shevas, as the כ in רִבָּבֿ and the ב in רִבָּבֿ. As the above are the cases in which the Dagesh lene is excluded, the following are those in which it occurs:—

(a) In the middle or at the end of words when the preceding letter has a silent Sheva, as מִלֵּם qām-lēm, מֵלֵךְ māl-kāh, יָפֵת yāphēt, יֵשֵׁת yēsht.

(b) In the first letter of a word, except when the preceding word closes with a quiescent letter, which brings it under the influence of the principle mentioned above, § 12. 7. Thus בְּרֵאשִׁית bṛē-shīth bā-ra, but וַיְהִי-וַיְהִי va-yḥi-va-yḥi, not וַיְהִי-וַיְהִי. So עֲלִי-דָרָךְ, not עֲלִי-דָרָךְ. In this case it is presupposed, as a general rule, that there exists a close vocal connection between the two words in question, so that they are uttered, as it were, by a single impetus of voice; but if for any reason a pause, however slight, should intervene, the organs have time to recover from their vocalic position, the *harder* enunciation is restored to the mute, and the Dagesh lene inscribed of course, as בְּרֵאשִׁית בְּרֵאשִׁית instead of בְּרֵאשִׁית בְּרֵאשִׁית, וַיְהִי-וַיְהִי instead of וַיְהִי-וַיְהִי. Such a pause is usually indicated by a disjunctive accent, of which see § 15: 2.

10. Numerous instances of the omission of Dagesh lene where it is analogically due can only be accounted for by a recurrence to what is said § 9. 6. respecting the *floating Sheva*. In such words as אֶבְרָהָם, מֶלְכֻת, &c. the true pronunciation is nearly *ä'dân, mal'kûth*, the Sheva being accounted in these instances as *half-vocal*. This takes place,

(a) When in the course of flexion such a Sheva arises from the falling away or resolution of a vowel, as רָדַפּה from ground-form רָדָה (§ 31. 3.), where the transition of ד from an open to a perfectly shut or mixed syllable appears to have been considered as too abrupt and violent, and a semi-vocal Sheva employed to make the gradation easier. For it is obvious that the voice passes more readily from *r'dhōph* to *rūdh'phū* than from *r'dhōph* to *ridh-pū*. In obedience to the same law we find מֶלְכֻת from מֶלֶךְ, רָעוּבָה from רָעוּב, מֶלְכֵי from מֶלֶךְ, מְבָרֵךְ from מְבָרֵךְ, עֲרַבִּי (an Arab) from עֲרַב.

(b) When a loosely attached and separable prefix particle, as either of the prepositions ב, ל, מ, or one of the suffix pronouns י, כ, ו, is appended to the word, as בְּהֵבֵל from הֵבֵל, where the Sheva has so much vocality that according to § 9. 6. the following mute retains its aspiration. So also לְגִבּוֹרָה from גִּבּוֹרָה, דְּבָרְכֶם from דְּבַרְכֶם. The usage in regard to ל with the infinitive of verbs is often variant from this, as לְסַפֵּר לְכֶתֵב instead of לְסַפֵּר לְכֶתֵב. But when the prefix is *closely* united to the word and forms an essential part of it, the general rule is observed, as Fut. Kal., יִסְפָּד from יָסַד, Hiph. יִסְפֵּל from יָסַד.

PRAXIS ON DAGESH.

Write and point, according to the above rules, the following words:—

מִלְחָמָה; מִלְכָּה; בְּרָזֶל; בְּחִבּוּס; בְּחָסֶד; עֲבָדָה; אֶרְמוֹן; מִשְׁפָּט; דְּבוּרָה; בָּרָה
לֹא תֵדַע; אֵל תִּחַן; הִתְבַּרְרָה; תִּשְׁבֵּל; מִגְבֵּיהָ; אֲדָר; מִתְחָה; מִבּוֹל; דְּרָבָה
גִּרְתִּי בָּהּ; עֵת בְּמִצַּח חֶבֶל; נִתַּר חֲשׂוֹךְ; בֵּל חֲסִידָה; נָא תִמְאַסֵּר.

§ 13. MAPPIQ.

1. Whenever ה at the end of a word, where it is seldom sounded as a consonant, is to be pronounced hard, it is written with a point having the same form and properly the same force as Dagesh lene, but called in this peculiar case *Mappiq* (מַפִּיק *mōvens literam*), and causing the letter to be heard as a consonant, although with us

a *practical* distinction of this kind is not very easily attainable. Thus בָּהּ *báh*, גָּבָהּ *gâ-váh*, גָּבֹהֶּה *gâ-vôäh*. If this ה, however, has a vowel of its own after it at the end of a word, as in אֱלֹהָ *eléhá*, Mappiq is not written, because ה here, from its very position, can only be sounded as a consonant.

§ 14. RAPHE.

1. A direct contrary to this point for hardening and a virtual negation of it, is a horizontal stroke *over* a letter, called *Raphe* (רַפֵּה *weak, soft*). This sign however is not very regularly found in the manuscripts, and in the printed copies, except the oldest, is almost entirely wanting, and that too without any great sacrifice of perspicuity. When inserted it is properly placed in positions where it would be most easy to fall into mistake, as (1) To indicate that a Dagesh lene cannot stand there, e. g. after a *floating* or *medial* Sheva, as in בִּרְחָה, where one might read incorrectly *bay-tháh* instead of *baytháh*; so אִזְבָּה *azzbáh*. (2) As a sign that Dagesh forte is excluded from certain situations where at first view it would appear to be required, as Gen. 7. 23, וַיִּמָּח act. *then he destroyed*, whereas וַיִּמָּח pass. *then was destroyed*; so בִּקְשֵׁי *seek ye*, imp. Piel, instead of the usual form בִּקְשׁוּ.

CHAPTER IV.

§ 15. HEBREW ACCENTS.

General Remarks.—The Hebrews have been accustomed, from the earliest periods, to accompany the public reading of their Scriptures, as do the Moslems that of the Koran, with a kind of *song* or *chant*, in which the tones of the voice are governed by certain small marks of various form inserted in the text of all the *pointed* Hebrew Bibles, and placed sometimes above and sometimes below the words, in close conjunction with the vowel-signs, yet clearly distinguishable from them. These are called *Accents*; and in reference to the above use of them as *signs of cantillation*, they are termed by the Jewish writers נְגִינֹת *neginoth, modulations*, i. e. musical or rhythmical notes. Whether this, however, were the primary purpose for which they were invented, may well admit of doubt. The Rabbin-

ical writers are by no means agreed as to this point, nor is the mode of recitativo at all uniform among the modern Jews of different nations. Moreover, were this the leading object of the Accents, it is scarcely credible that passages so utterly unlike in sentiment as some of the joyful and exulting Psalms of David, and the plaintive, mournful strains of Jeremiah or Job were chanted with the same notes; and yet in point of fact the expression, 'Sing forth the honor of his name,' Ps. 66. 2, is marked by precisely the same accents as the words, 'Let them curse it that curse the day,' Job 3. 8. We find also that in many cases precisely the same words, in different contexts, are distinguished by different accents—a fact not very easily reconcileable with the theory of the *musical* design of these characters. Although, therefore, it may be admitted that they *were* in process of time employed for this purpose, yet it was doubtless altogether a secondary use, and we are to look higher for the primary ends of the invention. This was in all probability twofold;—(1) *Rhetorical*; to point out the syllable on which the stress of the voice is to be laid, or in other words, *the tone syllable*; and (2) *Exegetical*; to show the relation, whether of *connection* or *disjunction*, subsisting between the different members of a sentence, and thus serving as aids to the interpretation. Viewed in this light, they are termed by the Jews טַעְמִים *tastes*, i. e. criteria of the sense; and of the importance attached to them in this character by the Jewish writers, we may form some idea from the fact that Aben Ezra lays it down as a first principle, 'that any interpretation which does not accord with the Accents is not to be listened to for a moment.'—The use of the Accents as *signs of interpunction* similar to the well known *stops* in our own language is so intimately connected with and involved under that which we have here termed *exegetical*, that it seems unnecessary to range it under a distinct head. Their office in this respect is more fully defined a little farther onward.

As an illustration of the effect of regarding or disregarding the accents in the determination of the sense, the passage Josh. 3. 11, 'Behold the ark of the covenant of the Lord of all the earth passeth over before you into Jordan,' may be cited, where the accents require the rendering, 'Behold the ark of the covenant, *even* the Lord of all the earth, passeth over, &c.' This is probably in the present instance the true interpretation, and in most cases we believe the accents do in fact serve as a correct index to the sense; but so much uncertainty rests upon the principles by which the accents themselves are to be interpreted,

that they have hitherto been practically of but little use in the exposition of the Hebrew Scriptures, though it is by no means improbable that they may hereafter be turned to very important account in this respect.

I. *Exegetical use of the Accents.*

1. As we have remarked above that the Accents considered as auxiliaries to a correct understanding of the text have a two-fold power—a *separating* and a *connecting* one—hence the entire system, which embraces not less than thirty or forty distinct marks with appropriate names, is ranged into two grand divisions, consisting of

(a) *Disjunctives*; or such as separate words or clauses from each other; and

(b) *Conjunctives*; or such as indicate a close connection between the word on which they stand and that which immediately follows.

Of these the ~~latter~~ class is by far the most important, and from their having different degrees of disjunctive power, they have been subdivided according to their relative strength in this respect into four orders, distinguished, from the fancied control which they exercise in governing the sense of passages, by the quaint titles of (1) *Emperors*; (2) *Kings*; (3) *Princes*; (4) *Dignitaries*. Of these we shall here give merely the names and forms of the most important, referring the student who may wish to master the subject, to the more extended treatises indicated below.*

1. *Emperors.*

1. סִלּוּק (—) SILLUQ; i. e. *stop*, or *pause*; as רָעָה: This is always immediately followed by two large points (:) at the end of a verse, called *Soph Pasuk*. Silluq is nearly equivalent to our period, though there are a few instances in which it marks the end of a verse without the sense being completed, as Gen. 23. 17.

* The most important treatises on the Hebrew Accents are the following:—Th. Boston *Tractatus Stigmologicus*. Sam. Bohlius *Scrutinium Scrip. Sac. ex Accentibus*. Matth. Wasmuth *Institutio Accentuationis Hebr.* Dav. Weimar *Doctrina Accentuum*. Aug. Pfeiffer *Manuductio ad Doctrinam Accentuum*. Andr. Reinbec *Doctrina de Accentibus*. J. H. Michaelis *Unterricht von den Accentibus*. Starkii *Lux Accentuationis Hebr.* J. F. Hirtii *Systema Accent. Hebr.* A. B. Spitzner *Institutiones ad Analyticam Sacr. Textus Hebr. ex Accentibus*. Compare also Loescher *de Causis Ling. Hebr.* c. v. § 1. Wolfius *Biblioth. Hebr.* T. II. p. 492 et seq. Simonis *Introd. Ling. Hebr.* p. 129.

2. אֲתְנַח (ֿ) **ATHNAH**, i. e. *respiration*; as רָקִיעַ. This point, indicating a *breathing* place in a sentence, answers well nigh to our colon or semicolon, and generally divides a verse into its two leading propositions or clauses. Thus, וַיֹּאמֶר אֱלֹהִים יְהִי אוֹר וַיְהִי אוֹר *And God said let there be light: and there was light.* The translators of the English Bible designed originally to indicate the occurrence of the Athnah in the Heb. text by the use of the colon in the corresponding place in their version, as is done with great accuracy by Ainsworth in his translation of the Pentateuch. But owing to the many revisions and arbitrary alterations to which the punctuation of our Bibles has been subject in the lapse of time, this feature of the Hebrew text is but imperfectly represented in them.

2. Kings.

1. סְגוּלָּה (ֿ) **SEGOLTA**; i. e. *a cluster of grapes*, from its form, being in fact merely an inverted Segol, as רִצָּא. This generally occurs in verses containing three distinct propositions; as וַיַּעַשׂ אֱלֹהִים אֶת־הָרָקִיעַ וַיְבַדֵּל בֵּין הַמַּיִם אֲשֶׁר מִתַּחַת לָרָקִיעַ וּבֵין הַמַּיִם אֲשֶׁר מֵאֵל לָרָקִיעַ וַיְהִי כֵן: *And God made a firmament, and divided the waters which were under the firmament from the waters which were above the firmament: and it was so.*
2. זָקֶף קָטוֹן (ֿ) **ZAQEPH QATON**; i. e. *the lesser elevator or suspender*, as אֱלֹהִים. This, with the other accents which follow, indicate minor divisions in a sentence, which it will be unnecessary to specify.
3. זָקֶף גָּדוֹל (ֿ) **ZAQEPH GADHOL**; i. e. *the greater elevator or suspender*; as הַמַּיִם.
4. טִפְחָה (ֿ) **TIPHHA**; i. e. *palm of the hand*, from its form, as רִעְמָד.

3. *Princes.*

5. רְבִיעַ (◡) REVIA ; i. e. *resting or lying over*, as עָתֵק.

6. זָרְקָא (◡) ZARQA ; i. e. *division*, as אֲבָרָם. The remainder of this and the other classes it will be unnecessary to give.

1. The importance of the foregoing accents above others arises not only from the fact of their being the principal marks of interpunction in a sentence, but from that also of their being often used as *pause accents*, of which see § 22.

2. The Hebrew text, in addition to the above, occasionally exhibits a small perpendicular stroke (◡) placed between words, thus, וְאִי־בָחַ וְאִשִּׁיתָ, Gen. 3. 15. וְלֹכֵל וְרֹמֵשׁ, Gen. 1. 20. This is called *Pesiq* (פְּסִיק) *cessation*, denoting merely a musical pause, and of no importance out of the synagogue service.

2. A more accurate idea of the office of the Disjunctives, as signs of interpunction, may perhaps be obtained from the following tabular view, showing the mode in which they divide and sub-divide a verse. The learner will not infer from this representation that the *actual* distinctions in any verse correspond exactly with the proportions here given. Still it is a sufficient approximation to the truth to afford a correct notion of the principle on which their use depends.

SILLUQ.	:	◡	Verse.	1.
ATHNAH.			◡	1
SEGOLTA.			◡	1
ZAKEPH QATON.				1
ZARQA.				1/6
REVIA.				1

Several of the minor accents carry on the sub-division still farther, but the above will answer to illustrate the principle.

3. The preceding observations, it is hoped, will be sufficient to give the learner a general idea of the Hebrew accents considered in their exegetical relations. Though often termed by grammarians *signs of interpunction*, yet it is only in a very general sense that they can be said to resemble our marks of punctuation. They point out indeed in many instances certain pauses analogous to those indicated by the period, colon, semicolon, &c., with us, but then being far more numerous they serve to intimate relations of a much more complex and delicate nature than is aimed at by the signs we have adopted; and as the system embraces neither marks of exclamation, interrogation, or parenthesis, it is obvious that it was originally devised for a much more important purpose than to serve as mere signs of interpunction. This purpose undoubtedly had a primary reference to the explication of the Hebrew text in its nicer shades of meaning, and we cannot perhaps more suitably conclude this part of the subject than by adducing a few examples, showing the use of the accents in this respect.

1. Gen. 4. 6. וַיֹּאמֶר יְהוָה signifies 'And the Lord said,' because וַיֹּאמֶר has a conjunctive accent, which shows it to be closely connected with the following word: but the same words, Gen. 24. 12.

וַיֹּאמֶר יְהוָה signify 'And he said, O Lord!' because וַיֹּאמֶר has a disjunctive accent, showing it to be disjoined from the following word, and forming a phrase by itself.

2. Gen. 24. 33. לֹא אֲכַל with a conjunctive accent on אֲכַל signifies 'I will not eat;' but the same words with a disjunctive accent on לֹא thus, לֹא אֲכַל, would signify 'No, I will eat.' (See Gen. 18. 15, 21; 19. 2.)

3. Gen. 24. 34. וַיֹּאמֶר עֶבֶד אַבְרָהָם אֲנִי, without the accents, might either signify 'And the servant of Abraham said, I am,' &c., or 'And he said, the servant of Abraham I am,' i. e., and he (Eleazer) said, I am Abraham's servant. The distinctive accents on וַיֹּאמֶר and on אֲנִי show that the last is the true meaning.

4. Gen. 47. 16. מַלְאָךְ הַמְּלָאךְ might signify 'the redeeming angel,' but מַלְאָךְ הַמְּלָאךְ אֲחִי signifies 'The angel who redeemed me.' In the former case the conjunctive accent on מַלְאָךְ would show it to be closely connected with הַמְּלָאךְ, as every qualifying word is with that which it qualifies or defines. In the second example the accent (◌◌◌)

shows that **הַמֵּלֶאךָ** is less connected with **הַנָּאֵל** than this word is with **אֲחֵרִי**.

5. Gen. 34. 7. **וַיִּשְׁמְעוּ בְנֵי יַעֲקֹב וַיָּחֲזִצּוּ וַיָּבֹאוּ מִן הַשָּׂדֶה** **בְּשָׁמְעָם**. Whether the word **בְּשָׁמְעָם** belongs to the preceding or the following clause, cannot be determined by the text, but the (:) on this word shows that the authors of the accents had considered it as separated from the following clauses, and that the sense is as given in the Established Version, viz. ‘*And the sons of Jacob came out of the field when (or, as soon as) they heard it; and the men,*’ &c.

6. Gen. 8. 11. **וַיֵּרָא עֹלֵה-דָוִיָּה טָרֶף בִּפְתִּיהָ** might either signify ‘*and behold a torn olive leaf in her mouth,*’—or, ‘*and behold an olive leaf torn (i. e. plucked off) with her mouth.*’ The disjunctive accent (˘) on **וַיֵּרָא**, and the conjunctive accent (ֿ) on **טָרֶף** show that the second is the true meaning of the text; intimating that it was not a floating leaf torn by the waves, but one *which the dove had plucked off*, and from which circumstance Noah concluded that the waters were abated.

II. *Rhetorical use of the Accents.*

1. This relates to the office of the Accents in pointing out the *tone syllable* of words. The necessity of laying a stress on a particular syllable in words consisting of more than one syllable is obvious. Without it such words could not be distinguished from a train of monosyllables, and would either convey no meaning at all, or a different one from what the speaker intended. Thus for instance *mánage* would sound like *man age*; *ácorn* like *a corn*. Thus also in Hebrew, **זֶרַע** *zē-rā*, *seed*, would sound like *זה רע* *this is bad*, and **בָּשָׂר** *bā-sār*, *flesh*, like **בָּא שָׂר** *the prince cometh*. But in treating this part of grammar it is important to avoid a confusion of terms which inevitably leads to confusion of ideas. As the English language dispenses with any written marks of accent, nothing is more common than to use the terms *accent* and *tone* as synonymous and equivalent to *emphasis* or *stress*. But in reference to the Hebrew it is improper to speak of the *accents* as meaning the same thing as the *tone*. The Hebrew accents are used as the *external visible signs of the tone*, and the term should be always so understood, and not as tantamount to the tone itself. The several characters above described and known by the name of *accents*, among other offices which they perform, serve also to indicate the tone syllable

of words, but they do not *create* it, nor are they identical with it. It is common indeed for grammarians to speak of the 'position of the accent on verbs, nouns, &c.' but it would be better in such cases to speak of *the position of the tone*, which depends upon principles independent of the accentual system, and which accordingly has no particular claims to be treated under the same head. This remark will be considered as still better founded if it be borne in mind, that although many of the accents are affixed to the syllable on which the tone rests, yet others do not indicate the place of the tone at all, but are always put over the *first* or *last* letter of a word, let the tone fall where it will, and are for this reason called *prepositive* or *postpositive*. In the present work, therefore, we have appropriated a distinct chapter to the consideration of the laws by which the position of the *tone* is governed. See §. 21.

§ 16. MAQQEPH.

1. This is the name given to a horizontal stroke (—) like our hyphen and performing a somewhat similar office. It is used to connect two or more words together in such a way, that in reading they shall virtually be regarded as one; particularly that they shall have but one tone-accent; as כֹּל-אָדָם *kōl-ādām*, אֶת-הָאִשׁ *ēth-hāsh-*
shā-mā-yīm, אֶת-כֹּל-עֵשֶׂב *ēth-kōl-ēsēv*. It is for the most part employed only between words closely connected in sense, e. g. between prepositions and their nouns, words in apposition, words in regimen, &c. Yet in other instances its use seems to be very arbitrary, so that it is perhaps impracticable to determine clearly the principles which regulate its insertion.

2. But the most important light in which Maqqeph is to be viewed is not simply as a *connective*. It exerts a peculiar influence upon the word going before it, causing it to throw off its tone-accent, and consequently shortening its long vowel (§ 27. 1. b.). Thus כֹּל אִישׁ *kōl īsh* is converted by Maqqeph into כֹּל-אִישׁ *kōl-īsh*, לֵב דָּוִיד *lēv dāvidh* becomes לֵב-דָּוִיד *lēv-dāvidh*, and שֵׁם בְּנוֹ *shēm b'nō-*
shēm-b'nō.

3. The changes in the long vowels resulting from the action of Maqqeph may be represented in a tabular form as follows:—

Kamets (ֿ)	becomes	Patah (ֿ);
Tseri (ֿ)	“	Segol (ֿ);
Holem (ֿ and ֿ)	“	Kamets Hateph (ֿ);
Shureq (ֿ)	“	Kibbuts (ֿ).

pronunciation. Its predominant design, as stated above, is to indicate the secondary accent in a polysyllabic word. But according to the natural laws of vocal intonation, the sound immediately before the tone syllable is prone to sink, or the syllable in other words to become toneless and vowelless, as for example in our words *condemnation, everlasting, &c.*, and in the Heb. קִשְׁלִים, קִשְׁלֵי. Yet the antecedent vowel or the second syllable from the tone may be *raised* or pronounced with additional stress of voice, and it is the part of Metheg to indicate this fact, which may be considered its most general office, though the *rising* is not always confined to that syllable. The usual place of the Metheg is:

(a) On the second simple syllable before the tone, which if not thus indicated, might easily be too faintly pronounced, as הָאָדָם, הָאָחָד, הָחֶקֶץ, הָאֲחִיכֶם, הָחֶקֶץ; and even with a short vowel, as קִדְשִׁים, קִהְצִיתִי, הָחֶכֶם. This rule holds when two words are united by Maqqeph (§ 16), as they virtually become one, as בִּירְצִידִק, עֲשֵׂה-פָרִי. The copulative ו as being unemphatic does not receive Metheg except in very rare cases, as וְהַבְקָשִׁי.

(b) After a long vowel immediately before the tone-syllable, and followed by a moveable Sheva, as הִירָאִי, חֲכָמָה, תִּלְגָּדִי, הִירָחָה. So also בִּירְחָאֵל, שֶׁחֲלִי. הוֹלִדְרוֹת.

The use of Metheg is of great importance in this case as enabling us to distinguish between long and short vowels, particularly between Kamets and Kamets Hateph. Thus זָכָרָה *zû-k-râh*, but זֹכָרָה *zök-râh*; יִשְׁמָה properly *yshim'kâ* for יִשְׁמָה; יִרְאָה *yî-re'â* for יִרְאָה from יִרְאָה *to fear*; whereas יִרְאָה *gir-â* is from יִרְאָה *to see*.

(c) In numerous instances after a short vowel, and before Sheva, to indicate that the vowel in such cases is to be regarded as practically long, the syllable simple, and the Sheva of the kind called *floating* or *medial* (§ 9. 6.), as הִרְשָׁה, הִלְלִידָה, לְמִסְכָּה, לְמִנְצָה. This may take place also in the first syllable before the tone as well as the third, as מִאֲסִפִּיר, קִרְבִּי, קִרְבֹּת, מִאֲסִפִּיר. In all these instances the Metheg is to be considered as imparting such a degree of tonic power to the short vowels as to enable them to sustain themselves in a simple syllable. See § 27. And that the Sheva in these instances is not quiescent is quite evident from the fact, that whenever it is followed by any of the Begadh-kephath letters they do not take Dagesh lene, as they otherwise would.

The usage, however, is not absolutely uniform, as *וְהַחֲשֵׁךְ*, *וְהַחֲשֵׁךְ* without Metheg.

(d) Before all the composite Shevas when preceded by a vowel, as *וְעָמַד*, *וְעָמַד*, *וְעָמַד*. So also generally after the composite Sheva has fallen away by inflection, as *וְעָמַד* from *וְעָמַד*.

(e) After Hireq in the prefixes of the verbs *וְהָיָה* and *וְהָיָה*; as *וְהָיָה*, *וְהָיָה*, *וְהָיָה*. This is for the purpose of distinctly *raising* the vowel, and also for giving more audibility to the following guttural, which might otherwise lose its proper sound almost entirely at the end of a mixed syllable. (§ 25 and 26.)

(f) On the first syllable of a polysyllabic word, when this syllable ends with a Dageshed letter, as *וְהָיָה*, *וְהָיָה*, *וְהָיָה*. This is in order to give to the affix-particles which generally enter into the composition of such words a special emphasis, particularly the interrogative *ה*, the article *ה*, the *ṣ* conversive (§ 34.), and the preposition *ב*.

(g) Occasionally, but very seldom, after a vocal Sheva under the first letter, as *וְהָיָה*, *וְהָיָה*. In Est. 9. 7—9 are ten instances of the very anomalous *וְהָיָה*.

1. Several Methegs may appear in the same word, if the different rules for writing it should require them, as *וְהָיָה*.

2. As Metheg never stands under the last, and seldom under the penult syllable of a word, the mark (') occurring in either of these positions is not usually Metheg, but the accent Silluq, of the same form, of which see § 38. Thus in *וְהָיָה* the stroke under the *ה* is Metheg, that under the *ב*, Silluq.

3. Scarcely any two editions of the Hebrew Bible agree throughout as to the insertion of the Metheg. The above rules, however, will be found an adequate guide as to general usage.—We have already remarked that in the present work we have adopted the Metheg to indicate the position of the tone, without any reference to the place where it *properly* belongs. When not employed at all under any word, it may generally be taken for granted that the tone falls on the last syllable, its most appropriate seat.

§ 18. QUIESCENTS.

1. The several letters, *א, ה, ו, י*, (*אֶהְיֶה Ehevi*) constituting this class have been already enumerated, § 5. These letters are real consonants, and therefore theoretically if not practically moveable whenever they begin a word, or have a vowel or Sheva under them; as *אֶמֶר* *â-mâr*, *מֶלֶךְ* *mâ-vêlêh*, *יָצַב* *ye-tâv*; but in case they have neither a vowel nor a Sheva expressed or implied, they are said to *quiesce*

§ 19. DISTINCTION OF KAMETS AND KAMETS HATEPH. 71

or *coalesce* with the vowel-sound which precedes them; as **מָצָא** *mâ-tzâ*, מוּתָּה *mûth*, דִּין *dîn*. The different letters, however, do not unite with equal facility with the same vowel-sound. There is a marked affinity between certain letters and certain vowels, and these vowels in relation to such letters are termed *homogeneous*. The following table will more clearly illustrate this affinity:—

א quiesces in	{	Kamets	(ֿ),	as	רָאשׁ
		Tseri	(ֿ),	as	רֶאשׁ
		Segol	(ֿ),	as	פָּרָא
		Holem	(ֿ),	as	רֹאשׁ
ה quiesces in	{	Kamets	(ֿ),	as	אָבָה
		Tseri	(ֿ),	as	רֶצֶה
		Segol	(ֿ),	as	רִנָּה
		Holem	(ֿ),	as	רִמָּה
ק quiesces in	{	Holem	(ֿ),	as	קֹול
		Shureq	(ֿ),	as	קֹום
י quiesces in	{	Tseri	(ֿ),	as	פִּית
		Hireq	(ֿ),	as	פִּין
		Segol	(ֿ),	as	פִּיא

2. When the vowel-letter is used in connection with a vowel-sign which is not kindred or homogenous, as e. g. **וֹ**, **וֶ**, **וִ**, **וֹ**, **וֶ**, **וִ**, there arises in the cognate Shemitic languages a diphthong *au*, *eu*, *ai*; but in Hebrew the quiescent letter retains in such cases its consonant power, and the pronunciation of the following words, for instance, **וֹלַד**, **גֵּזֶר**, **לֶבַד**, **אֶבֶר**, **עֶלְיוֹ** is *vâv*, *gêv*, *lâv*, *â-vîv*, *â-lâv*. In such words, however, as **וִירָה**, **וִגִּיר**, **וִגְלִיר**, **וִאֲרִיר** it is extremely difficult to avoid a diphthongal sound, nor is it perhaps important so to do.

§ 19. DISTINCTION OF KAMETS AND KAMETS HATEPH.

1. The fact that the same sign (ֿ) is employed to represent these two vowels renders them liable to be confounded with each other, and makes it important that perspicuous rules should be given for distinguishing them. These rules flow out of the principles before laid down in respect to syllabication and the tone-accent, and may be stated as follows.

(a) The figure (ֿ) at the beginning of a word accompanied by Metheg and followed by simple Sheva is Kamets, and not Kamets

Hateph, as קָטֹלָה *qā-r'lu*, לָמְדָה *lā-m'dháh*, בָּרָכָה *bā-r'káh*. The Metheg in this case being placed as a secondary accent by the side of the vowel, shows that it is now able to sustain itself in a simple syllable, which Kamets Hateph never is, and consequently that the Sheva is moveable, or in other words begins a syllable. The sign, therefore is Kamets of course. The presence or absence then of Metheg in all such words as חֲכָמָה, חֲכָמָה, אֲכָלָה, זָכָרָה, שְׁמָרָה, קָטֹלָה, &c., will enable the learner at once to discriminate between Kamets and Kamets Hateph.

(b) In the beginning, in the middle, or at the end of a word, the sign (ַ) stands for short *o* (ö) in a mixed syllable unaccented, as לֶעֱבֹרָה *l'öb-dháh*, כֹּל־חָאֲדָם *köl-há-â-dâm*, וַיְיָקֶם *vây-yâ-köm*. If such a syllable, however, receives the accent, the long sound of (ַ) remains of course, as דָּבָר *dâ-vâr*, מִדְּבָר *midh-bâr*.

(c) So also before Dagesh forte, as בֹּתִים *böt-tim*, חֹנֵן *hön-nē-nē*. Here again if the penult receive the accent, the vowel becomes Qamets long, as יָמָה *yim'-máh*, אָנָּה *ân'-ná*, לָמָה *lâm-máh*. In what particular cases the accent thus occurs to contravene the general rule can only be learned from a farther acquaintance with the language.

(d) A case of much rarer occurrence is where (ַ) stands in a simple syllable and yet is to be considered as a short *o* (ö). This happens, (1) When Hateph Kamets or another Kamets Hateph follows, as פֹּטֹלָה *pō'tū*, קֹטֹבָה *qō-tōb-kā*; (2) In two particular words whose enunciation, however, is altogether anomalous, viz. קֹדְשִׁים *qō-dhā-shīm*, שְׁרָשִׁים *shō-rā-shīm*.

2. In the following cases the vowel is Kamets though unattended by Metheg; מֹרָה *māv-tháh*, (not *mōv-tháh*), שָׂאָה *shâv*, לֵילָה *lây-lâh*. As the accent falls on the first syllable it makes it mixed in each instance, and the Sheva of course silent, § 9, 4, 5. The word בֹּתִים *böt-tē-kēm* is altogether anomalous.

Some few cases are mentioned as exceptions to the above rule, as דְּרָבָה *dër-vā-nōth*, not *dâ-r'va-nōth*, קָרָבָה *qër-vân*, not *qâ-r'vân*, שְׁמָרָה *shēm-râh*, not *shâ-m'râh*. But Grammarians are not agreed as to the true character of the vowel-sounds in these cases, nor are the MSS. or editions uniform in the mode of pointing.

3. To a learner farther advanced in the language the distinction of these two vowels will be easy, if he recollect that Kamets Hateph almost invariably arises from Holem or Shureq, thus וַיִּדְרֹךְ from וִידְרֹךְ, פָּעַל from פָּעַל, קָדַשׁ from קָדַשׁ, יָרָמָה from יָרָמָה.

4. When Kamets Hateph is written, as it sometimes is, with two dots annexed (··), it then becomes identical in form with Hateph Kamets. In order to distinguish them, observe (1.) That Kamets Hateph is always, except in the case just mentioned (§ 19, 1, d.) followed by silent Sheva, or, which amounts to the same thing, by a Dagesh forte; as קָדֶשֶׁי. After Hateph Kamets neither occurs. (2.) Kamets Hateph is written under all the letters of the alphabet indiscriminately; Hateph Kamets properly occurs only under the Gutturals.

PRAXIS ON DISTINCTION OF KAMETS AND KAMETS HATEPH.

Let the learner designate the character of the Kametses respectively in the following words:

קָם, שְׁמֵרָה, וְיָקָם מִשְׁמֵרָה, שְׁמֵרָה, זָכָרָה, חֲכָמָה, קָרָבָן, רָנִי, כָּל-בָּשָׂר, דָּרְבָן, חֲכָמָה, שְׂרָשִׁים, קָדֶשֶׁי, יְמִינָה, הַגְּלִירָה, בְּתָרִים, נִחְנְנִי, חֲנִנִי, יַחֲרֹב, אֲהָלִי, סַעֲד־נָא, פְּחַבְתָּ, קָכְלָר,

§ 20. PRAXIS IN READING.

GEN. 1. 1—5.

בְּרֵאשִׁית בְּרָא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ; וְהָאָרֶץ
ve-â-hâ-retz hâ-â-retz ve-êth hâsh-shû-mâ-yîm êth ê-lô-hîm bâ-râ be-re-shîth
 אֶלְהִים אֶלְהִים וְיָקָם וְיָחֹז וְיָחֹז וְיָחֹז וְיָחֹז וְיָחֹז וְיָחֹז וְיָחֹז וְיָחֹז
ê-lô-hîm ve-rû-âh hâ-thê-hôm âl-pe-nê ve-hhê-shêk vâ-sô-hû thô-hû hâ-ye-thâh
 מִרְחֹפֶת עַל-פְּנֵי הַמָּיִם; וַיֹּאמֶר אֱלֹהִים יְהִי-אוֹר וַיְהִי-אוֹר;
vâ-ye-hî-ôr ye-hî-ôr ê-lô-hîm vâ-y-ô-mêr hâ-m-mâ-yîm âl-pe-nê me-râ-hhê-phêth
 וַיִּרָא אֱלֹהִים אֶת-הָאוֹר כִּי-טוֹב וַיְבָרֶךְ אֱלֹהִים בֵּין הָאוֹר וּבֵין
û-irâ ê-lô-hîm ât-hâ-ôr kî-tôv vâ-y-ô-v-dêl kî-tôv êth-hâ-ôr ê-lo-hîm vâ-y-ô-r
 הַחֹשֶׁךְ; וַיִּקְרָא אֱלֹהִים לְאוֹר יוֹם וְלַחֹשֶׁךְ קֶרָא לַיְלָה
hâ-hhê-shêk vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r vâ-y-ô-r
 וַיְהִי-עֶרֶב וַיְהִי-בֹקֶר יוֹם אֶחָד;
ê hhâdh vâ-y-ye-hi-sô-kêr vâ-y-ye-hi-â-rêv

ANALYSIS.

V. 1. בְּרֵאשִׁית בְּ with Dagesh lene § 12. 7. b.; with Sheva vocal under it, 9.

4. a.—רָא Tseri with א quiescent, 4. c. (א) therefore impure,

7. 4. 5.—וְיָקָם with י quiescent in Hireq, 4. c. (י); ת with Sheva implied, 9. 2.—וְיָחֹז mixed syllable, 8. 5.

בְּרָא with Dagesh lene, 12. 9, b.; ב in simple syllable, 8. 5.—רָא Kamets with א quiescent, 4. c. therefore impure, 7. 5.—רָא also simple syllable, 7. 5.

אֱלֹהִים with composite Sheva, Hateph Segol, 10, therefore moveable, 4, note.—לַיְלָה to simple syllable defectively written, 6. 4.—יָוִם mixed syllable with י quiescent, 4. c.

- אַת-אַתְּ with Tseri, but when followed by Makkeph with Segol, 16. 2.
 —הַש mixed syllable with Dag. forte, 12. 1.—שׁ simple syllable,
 7. 5.—מִ simple syllable with Pattah pure, 8, 5.—רֵם with short
 Hireq, 7. c. in mixed syllable, 7. 5.
- וְאַתְּ הָאָרֶץ with Sheva vocal 9. 4, *a*, therefore moveable 4. c.—אַתְּ as above.
 —הַ simple syllable, 7. 5.—אַ the same, Kamets long with Metheg,
 17.—רֵץ with Segol short 7, *g*, in mixed syllable, 7. 5.
- V. 2. וְהָאָרֶץ vocal and moveable as above. הָאָרֶץ as above.
 הָהִיטָהּ with Kamets long and Metheg, 19, *a*.—יֵּ Yodh moveable, 4. c.
 תָּהּ with הַ quiescent, 4. c.
 תִּהְיֶה without Dag. lene, 12. 9. b.—הָהִיטָהּ with הַ moveable 4. c. and י
 quiescent in Shureq, 4. c.
 וְיָבֹחֶהּ Vav moveable in simple syllable, 7. 5.—בִּי in simple syllable, 7. 5.
 וְיָחִשְׁךָ, as above.—חֵשׁ, point over right tooth of שׁ stands both for
 vowel Holem and to mark *sh*, 7. d. read as a simple syllable, *hsh*.
 —שָׁךְ short Segol, 7, *g*, in mixed syllable, 7. 5. Kaph written
 with Sheva expressed, 9. 5.
- פָּנֶיךָ—עַל-עַל simple syllable joined to next word by Makkeph, 19.—פָּנֶיךָ
 with Dag. lene, 12. 9. b. and Sheva vocal, 9. 4.—נֶיךָ, 4. c.
- תִּהְיֶה הָיִם without Dagesh lene, 12. 9. b.—הָיִם mixed long syllable, 7. 5.
 וְיָרִידָהּ as before.—רֵיךְ, 4. c.—יֵּ with Pattah furtive, 11.
- אֶל-הָיִם—as above, v. 1.—מִרְחֶפֶת—מִ with Sheva vocal, 9. 4. a.—רֵיךְ with
 Pattah long and impure on account of implied Dagesh, 12. 3.—
 הַ simple syllable, therefore Segol long, 7. *g*.—תָּהּ mixed syllable,
 therefore Segol short, 7. *g*. תָּ without Dag. lene, 12. 9. b.—עַל-פָּנֶיךָ
 as above, v. 2.—הֶמְדָּהּ הָמָּה *hām-mâ*, מִ doubled by Dag. forte, 12. 1.
 which makes the first syllable mixed, 7. 5. the second is simple,
 7. 5. the third mixed, 7. 5.
- V. 3. וְיֵאָמֵר with Dag. forte in י, 12. 1. making the first syllable mixed,
 the second simple with quiescent א, 4. c. (א).—מֵרֵךְ mixed syllable
 with Segol short.—יֵרֵךְ, 9. 4. a. and 4. c. (י).—אֵרֵךְ, א moveable,
 though not practically pronounced.
- וְיֵרֵךְ with Metheg, 17. e. Pattah impure and long by reason of Dag.
 implied, 12. 3. Consequently the ensuing Sheva is initial and
 vocal, 9. 4. a.
- V. 4. וְיֵרֵךְ אֵת—אֵת with Segol on account of Makkeph
 following, 16. 2.—כִּי-יָבֹחֶהּ בִּי with Dag. lene, 12. 7. b.—וְיֵרֵךְ
 with Dag. lene, 12. 7. b.—בִּי and וְיֵרֵךְ in the first with Dag.
 lene, 12. 7. b. and in the second without, 12. 7. b.
- V. 5. לֵךְ-לֵךְ here is a mixed syllable with Sheva silent on account of the
 accent (אֲ Athnach § 15), for the ground of which see § 22. 1.

§ 21. LAWS OF THE TONE.

1. Tone, or tone-accent, is the peculiar stress of voice added to the natural sound of the syllable or syllables in which it occurs. The Hebrew admits less latitude in the position of the tone than most other languages. However numerous may be the syllables in any word, the tone is invariably confined to the last, or the last but one. In the former case, the word is technically termed *Milra*, Heb. מִלְרָע *from below*, i. e. having the accent on the last or lowest syllable; and in the latter *Milel*, Heb. מִלְעֵיל *from above*, i. e. on the higher or penult syllable. Thus בְּרֵאשִׁית *be-rē-shūth* is *Milra*, having the accent on the last syllable, while שָׁמַיִם *shā-mā-yīm* is *Milel*, or accented on the penult. The primary and most usual seat of the tone, however, is on the last syllable.

2. As in English the accent frequently affects the sense, distinguishing, for instance, between nouns and verbs, as *contract* and to *contráct*, or words spelt alike, as *désert* (wilderness) and *desért* (merit), so in Hebrew the same effect is produced. Thus the word בִּינָה *bī-nāh* accented on the ultimate signifies *understanding*, but the same word accented on the penultimate בִּינָה *bī-nāh* signifies *understand thou*. So קָמִי *qū-mī* signifies *my rising*, but קָמִי *qū-mī* *rise thou*. So בָּנֵנוּ *bā-nū*, *with us*, but בָּנֵנוּ *bā-nū* *they did build*.

3. The natural effect of the tone is obviously to draw the whole force of the pronunciation forward to the point where it falls, which causes the preceding vowels for the most part to fall away; just as in the English words *dégrádation*, *déclárâtion*, from *dégrâde*, *déclare*, the addition of syllables and consequent removal of the accent changes the quantity of the preceeding vowels. In Hebrew however, this is more particularly the case in the series of syllables reckoning from the third from the tone backwards to the beginning of the word, whereas the powerful influence of the tone in its own immediate neighborhood often exerts itself upon the preceding consonant, and produces there what may be called a *fore-tone*, indicated by a long vowel which some consonant going before the tone either assumes in case it has no vowel of its own, or only supports. Thus, for instance, in קָמִי, קָמִי, קָמִי, &c. the true original form is קָמִי, קָמִי, קָמִי; the consonant preceding the tone having no primitive vowel of its own, and therefore taking Sheva; but the effect of the tone on the last syllable is to create a *fore-tone* on the

penult, which is here, as usual, expressed by *a* (Kamets), which, as the most simple, easy, and natural of all the vowel-sounds, is most frequently employed for this purpose. In some few instances *e* (Tseri) occurs instead of *a*, as *יָחַל*, *יָכַל*; but this is owing to particular causes. On the other hand, the fore-tone vowel is wanting if an unusually long immutable vowel, introduced into the root in the course of formation, does not, on account of its power and protraction, admit of any but the shortest vowels in its neighborhood, as in the forms *יָסַד*, *יָסַד*, *יָסַד*; that is to say, the fore-tone *sinks* to the weakest half-vowel (Sheva) sound before these very emphatic vowels.

3. Before the longer suffixed syllables the *a*, which was before in the ultimate, remains, whether accompanied by a single consonant as *שָׁאוּהוּ*, *קָדְנוּ* (from *שָׁא*, *קָח*), *בָּנִים* (having assumed *a* as fore-tone); or whether a second consonant without a vowel precedes, as *שְׁמַעְנִי*, *יִשְׁרָיִם* (from *שָׁמַע*, *יִשְׂרָאֵל*). On the other hand *e* only remains after *two* consonants, that is, in cases where a firm vowel must be pronounced, as *יָרָא*, *יָרָא*; otherwise it seldom remains, though we have *שְׁמוֹת* from *שָׁם* instead of *שְׁמוֹת*, and so also *עֲצִים*, *מַעֲרִים* (though sing. *בָּרִי* instead of *בָּרִי*), and some others; but we have *זָרִים*, and always, before suffixes, *שְׁמִי*, *תְּהִי*, &c.

4. Again, before suffixed tone-syllables, which assume the last radical, the stress of pronunciation inclines strongly to the end, so that *a* is inserted as fore-tone immediately before the tone-syllable especially in the regular plur. forms, as *מְלָכִים*, *מְלָכִים* (from *מֶלֶךְ*), and occasionally in substantive forms in *on* (וֹן), as *אֲבִדוֹן*, *זִקְנוֹן*.

5. Finally if a compound syllable or a long simple one goes before the consonant, preceding the tone-syllable, this of itself produces so strong a retention of the voice that it hurries on more rapidly afterwards; consequently a fore-tone is less necessary or natural than in the preceding cases, as *בְּחֻבִּים*, *בְּחֻבִּים*, *יִכְתְּבוּ*. The principal cases in which the fore-tone appears in these circumstances are the following; (1) In the verbal form *הִקְטִיל*. (2) In the noun before a suffix syllable, as *עוֹלָמִים*, *מִכְתָּבוֹ*, *יִלְדָּה*. (3) Before the terminations of the persons of verbs if the tone-syllable is a *protracted* one; but even then generally only in pause, as *יִקְרָא* (from *יִקְרָא*), but *יִקְרָאִי*; *יִחַדְלִי* (from *יִחַדֵּל*), but *יִחַדְלִי*; *יִאבְדִּי* (from *יִאבֵּד*), but *יִאבְדִּי*.

6. The *o*-sound has not the same tendency to become fore-tone

7. The *chief tone* then has its proper and most native seat on the *last* syllable of a word; it can only rest on the *penult* on the express conditions that the ultimate is either a simple syllable, as כְּתָבָה *kā-thav-tā*, גָּלִילִי *gā-lī-lī*, תְּחִלָּתָה *ṭiq-tōv-nā*; or, if a compound syllable, that it has a short vowel and follows a simple syllable, as קֶשֶׁת *qō-dhesh*, כְּתָבָה *k-thā-vā-thām*; no other cases are possible. But within the range of these conditions a large number of cases, or rather classes of cases, are embraced. The most important of these are:—

(b) Feminines ending in תָּ—; as נִפְלֵית, נִפְלֵיתָ.

צִדָּד, רִגְלָרָם, שְׁמָרָם, מָרָם ; as — יָם

(e) Apocopated Futures in Kal and Hiphil of verbs לָהֵךְ (§ 139); וַיִּשְׁתַּחֲוֶה, וַיִּעַשׂ, וַיִּגַּל.

(g) Such nouns and verbs as have the following suffix endings, viz. $\text{נִרְ$, נִרְ , נִרְ ; חֹר , חֹר , חֹר ; הִ , הִ , הִ ; נֶה , נֶה , נֶה ; מֹר , מֹר ; as קִטְלִינִי , קִטְלִינִי , &c.

Note. It is to be recollected, on the other hand, that the suffixes **תָּם, יָךְ, כֶּם** always bring down the tone on them, and thence are called *grave suffixes*, while those which do not produce this effect are called *light*.

Retraction of the tone.

8. In the above cases, although the tone has been made to rest upon the penult by the influence of certain adventitious causes which have operated to remove it from its original place on the ultimate syllable, yet it may be now said to *belong* there; this has become its *established seat*; and it is not customary to speak of its being *retracted* from the last syllable to the place it now occupies. There are numerous cases, however, in which words that originally and ordinarily have the tone on the ultimate are subjected to influences which *draw it back* upon the penult. Of these the following are the principal, in all which the retraction of the tone is owing to *accidental* causes.

(a) When the particle (ו *and*), usually termed *Vav Conversive* (§ 34.) is prefixed to the future of verbs; as יֵאָמֵר or יִאָמֵר, but וַיֵּאָמֵר; וְיִלְכֹּד, but וַיִּלְכֹּד; וְיָמִית, but וַיָּמִית.

As a necessary condition to this the last syllable must end in one of the radical letters of the verb, and its penult be simple not mixed. This confines the effect principally to the singular number; thus from יִפְקֹד we have יִפְקֹד but יִפְקֹדֶה remains unchanged. So where the penult is mixed, יִפְקֹד (Milra), יִפְקֹדֶה (also Milra).—In verbs ending with a quiescent, particularly א, and therefore not capable of having the last syllable mixed and short, the tone usually remains on the ultimate unaffected; as יִתְבַּא, not יִתְבַּא; יִפְקֹד, not יִפְקֹדֶה. The following cases, and some others similar, are to be regarded as anomalous; viz. וַיֵּאָמֵר, 1 Kings 8. 20. וַיָּמִית Gen. 5. 5. וַיִּלְכֹּד, 1 Sam. 10. 20. In וַיִּבְרָא Gen. 4. 3, the penult has the tone, though the ultimate remains long.

(b) A peculiar emphasis in a word, whether arising from an urgent command, exhortation, entreaty, prohibition, or resolution, generally has the effect to draw back the tone, particularly in futures and imperatives; as הִשָּׁמֵר *keep thyself, or take heed*, instead of אֶל-תִּשָּׁב; הִשָּׁמֵר *thou shalt not turn away*, instead of אֶל-תִּשָּׁב; אֶל-תִּוְסַף *thou shalt not add*, for אֶל-תִּוְסַף Prov. 30. 6, where the terminating vowel is absorbed on account of the strong affection of the speaker. So יִרְדֶּה *he shall rule*, Ps. 72. 8, for יִרְדֶּה; יִמָּחַ *shall be erased*, Ps. 109. 13, for יִמָּחַ.

(c) A word having the tone on the last syllable immediately followed by a monosyllable having a tone-accent, or by a dissyllable accented on the first, usually throws the tone upon the penult

in order to avoid the concurrence of two tone-syllables ; as הוֹסִיפֶה instead of הוֹסִיפֶה ; עֲשֹׂה לָנוּ instead of עֲשֹׂה לָנוּ.

Note. A vowel which had previously fallen away on account of the accession of a suffix is sometimes restored solely for the purpose of affording a seat to the tone ; as הוֹסִיפֶה for הוֹסִיפֶה ; עֲשֹׂה for עֲשֹׂה.

(d) A pause-accent produces the same effect ; as אֶתְּהוּ for אֶתְּהוּ ; עֲרֹה for עֲרֹה. For a more full account of the pause-accent, see § 22.

§ 22. PAUSE ACCENT.

1. Several of the more important accents enumerated above (§ 15), particularly Silluq (—), Athnakh (—), and Zakeph Qaton (—), are denominated in certain situations *Pause Accents*, from their effect in *prolonging* or *delaying* the sound of the voice on the tone-syllable. This influence of the pause is usually confined to a word closing a sentence, or part of a sentence, and gives rise to a new form only in certain situations ; for the power of the pause cannot be distinctly expressed in all cases where it occurs ; as e. g. in a monosyllabic word with a long vowel, as קוֹל, נוֹר, בָּה, which cannot be rendered longer by the pause. Generally indeed a sound long by nature remains without change, as עוֹלָם, נִבְרָא.

2. But in ordinary cases this accent has so marked an effect upon the forms of the words by changing their vowels as to give rise to a variety of what are termed *pausal forms* in contradistinction to *usual forms*. The general results may be stated as follows :—

(a) A vowel short by nature passes over into its homogeneous long sound, as Pattah into Kamets, Kamets Hateph into Holem, &c. Thus בָּרַח, קָטַל, מָרַח become in pause בָּרַח, קָטַל, מָרַח.

(b) As an exception to the general rule, such forms as דָּרַךְ, מָלַךְ &c. become in pause דָּרַךְ, מָלַךְ because the original form was דָּרַךְ, מָלַךְ (from דָּרַךְ, מָלַךְ). Tseri also in the last syllable often goes into Pattah, as חָפַר in p. חָפַר, in p. חָפַר, in p. חָפַר. This usage appears still more obvious when Segol stands appropriately in the form from which the Pattah arises, as דָּרַךְ, in p. דָּרַךְ ; מָלַךְ, in p. מָלַךְ ; חָפַר, in p. חָפַר.

(c) When the last syllable of a word having upon it the tone begins with two consonants, as קִטְלָה, יִשְׁמְרוּ, the effect of the pause accent is to remove the initial vocal Sheva and introduce a new

vowel in its stead. This vowel is usually the long vowel homogeneous with that which originally occupied its place, but was dropped in the course of flexion, as

(רַקֵּב) רַקֵּב, (מֵלֵא) מֵלֵא, (קִטֵּל) קִטֵּל
in p. רַקֵּב מֵלֵא קִטֵּל

In this case it is to be understood that the tone goes of course with the pause.

(d) The pause falling upon simple vocal Sheva substitutes Segol, as

מִלְכָּךְ, בִּירְחֶךָ, יִרְחֹדִי, לְחֹדִי, בְּלִי
in p. מִלְכָּךְ בִּירְחֶךָ יִרְחֹדִי לְחֹדִי בְּלִי

(e) Falling upon a composite Sheva it substitutes the corresponding long vowel, as

חֲצִיר, עֲנִי, צִרִי, חֲלִי, אֲנִי
in p. חֲצִיר עֲנִי צִרִי חֲלִי אֲנִי

(f) In certain cases, contrary to prevailing usage, the effect of the pause is to draw back the tone to the penult; especially in words spoken with emphasis, as in one's addressing another, or in exclamations, as

עֲתָה, אֲתָה, אֲנִי, אֲנִי
in p. עֲתָה אֲתָה אֲנִי אֲנִי

(g) In the case of the suffix ה the final vowel (ֵ) is frequently retracted by the pause to the preceding letter, converting the syllable from a simple to a mixed, as

הַשְׁמִרְךָ, אֲתָךְ, צִנְךָ
in p. הַשְׁמִרְךָ אֲתָךְ צִנְךָ, and regularly in the particles

אוֹתָךְ, אֲתָךְ, יָלְךָ, יָבֹךְ

(h) The pause accent sometimes restores a letter which had been dropped, as well as a vowel, particularly in Lamed He verbs, as

רָשַׁלְךָ, נָטַלְךָ, בָּעַרְךָ
in p. רָשַׁלְךָ נָטַלְךָ בָּעַרְךָ

PART II.

CHAPTER I.

§ 23. CONSONANT AND VOWEL CHANGES, AND OTHER PECULIARITIES.

Preliminary Remarks.—There is a strong tendency in all languages, for the sake of euphony, to effect various changes in the structure of words by the assimilation, elision, addition, or transposition of letters. As certain vowels and consonants would, in particular situations, occasion sounds so difficult of utterance, or so grating to the ear, as to be at once painful to both speaker and hearer, changes are introduced into the constitution of words, which at first sight appear to be anomalous, and give great trouble to the learner until the laws by which they are regulated are understood. In no language, except perhaps the Arabic, is this more strikingly the case than in Hebrew. The principles and rules, therefore, laid down in this part of the grammar, though somewhat complicated and tedious, will be found of indispensable importance to a correct knowledge of the language; and when once they are mastered, the irksomeness of the study is vastly relieved. What at first appeared a mass of misshapen anomalies resolves itself into the obvious proprieties of a fixed and scientific system, the development of which can scarcely fail to be followed out with all the interest of a process of demonstrative reasoning.

§ 24. CONSONANT CHANGES.

1. *Commution.* Since all consonants differ only in degree, a sound can easily be commuted for another bordering upon it. This is of frequent occurrence in Hebrew, where there is comparatively but little firmness in the letters, causing the same word to appear in quite different forms, as *פֶּן, סֶן, טֶן to conceal*. This is owing partly to the historical progressive modification of sounds, as dependent upon the action of the human organs on language, the general effect of which is to substitute the weaker and softer for the harder and rougher; partly upon the influence of formation and meaning in the roots; and partly upon casual changes produced by the near affinity of sounds, whether of those peculiar to the Hebrew, or to its cognate dialects. Accordingly,

(a) The T-sounds are easily changed into the S-sounds, as they are nearly related, and in this change the distinction of each individual sound of the former class is preserved in the latter, ת being changed into ס, or more obscurely into ש, as *פֶּתַר* for *פֶּתֶר interpretation*, from *פֶּתַר to interpret*, Eccles. 8. 1; ד into ז, as *זֶדֶךְ* for *דֶּדֶךְ*;

and vice versa דָּהָב *gold*, Chal. for זָהָב Heb.; ט into ף, as בָּצִיר for בָּטֵר. Some changes of this sort have become permanently fixed in Hebrew from a very ancient period, as the pronoun זֶה *zeh*, Aramaic *di*, related to the German *da*, and the Greek το (Latin *tu*), in which the T (D)-sound is undoubtedly primitive. A reaction, however, is occasionally observable when the T-sounds again predominate, as חָרַת instead of חָרַשׁ (χαρᾶσσω=χαρᾶττω) Ex. 32. 16. This is still more frequent in Aramaic.—Again, the stronger sibilants change repeatedly into the softer ones, viz. שׁ into ס, as צָעַק to *cry*, עָלַץ to *exult*, צָעַר to *be little*, into עָלַץ, עָלַז, עָלַר; and שׁ and שׂ into ס (שׂ) as צָחַק, עָלַץ, and צָפַן into שָׂחַק, עָלַם, סָפַן or שָׁפַן; so שָׂרִיזֶה *coat of mail*, and סָרִיזֶה Jer. 46. 4. בּוֹשֵׁם to *act basely*, for בּוֹשֵׁשׁ. The liquids ד, נ, מ, ל are more irregular in their softening, so that ר, as being harder and rougher, is not unfrequently changed, in the later periods of the language, into ל, as אֶלְמְנוּת (of doubtful etymology) Is. 13. 22. for אֶרְמְנוּת, and הַצְהִיר to *make bright*, into הַחְזִיר. So we find both לָשָׁבַח and נָשָׁבַח (פִּסְנִיתָרִין) for ψαλμηριον, נוֹס for מוֹס to *tremble*, שָׁטַם and שָׁטַן to *persecute*, בָּחַר and בָּרַן to *try*. The harder Gutturals too are gradually softened, especially ע into א, as פְּתָאֵם suddenly, from פְּתָאֵע a moment, תִּפְאֵם to *abominate*, from תִּעֵם, and נָעַל to *defile*, from נָעַל.

(b) Different shades of meaning in the roots give rise to manifold variations in the sounds, as נָחַשׁ, נָחַשׁ, seldom נָחַם to *destroy*; נָשַׁב, נָשַׁם to *blow*, נָשַׁח and נָשַׁח to *be hard*. As there is usually a clear definite distinction of meaning connected with these changes, so it may be remarked, that the derived, remote, more limited sense has usually the softer sound, as סָגַר to *shut up*, סָכַר rather to *stop up*; טָבַח to *slaughter*, זָבַח to *sacrifice*; נָחַךְ to *pour*, נָסַךְ used rather of *casting metal* or of a *libation*; נָאָה to *be beautiful*, נָאָה to *be suitable*.

(c) Of the *casual* the following are specific instances; Heb. תָּעַה to *wander*, Aram. תָּעַה Ezek. 13. 10; Heb. פָּזַר to *scatter*, Aram. פָּזַר only in Daniel. So דִּרְמוֹן and דִּרְמוֹן (proper name) Is. 15. 2, 9. פָּלַט and מָלַט to *escape*, (but מָלַט always); גָּב, גָּב, גָּב *back*.

(d) Among the quiescents (אֶחָדִי) commutation is very frequent, particularly where the pronunciation of the word is not materially affected by the change, as בָּלָאִים or בָּלֹאִים *rags*, דּוֹג or דּוֹג *Doeg*, הָלַךְ or הָלַךְ to *go*, מָרְחָא or מָרְחָא *baldness*, מְקָרָא or מְקָרָא *collection*, רֹאשׁ or רֹאשׁ *head*, גָּלַי or גָּלַי to *reveal*, רִישׁוֹן or רִישׁוֹן *the first*.

Of further changes of ר into ר see § 26. II.

2. *Elision*. As the voice is naturally most hurried and rapid at the beginning of a word in the first sound and first syllable, and as all kinds of prefixes to the root are consequently most rapidly pronounced, it therefore happens that very weak sounds loosely connected are occasionally lost before the stronger syllable, as pron. *we* for *והנה*; so *produce* for *יבול*, *elevation* for *שׂר*. So also occasionally at the end of a word the sound of the very liquid and nasal נ is obscured and lost, as *מגדו* (name of a place) for *מגדון*, and, according to some, *רשׁמעו* for *רשׁמעון* the original termination. In like manner the Latin has *Plato* for the Greek *Πλάτων*, *Apollo* for *Απολλων*.

3. *Prosthesis*. On the other hand, a word is inclined to begin with vowels, if the first consonant easily admits of such softening. Accordingly, where the first consonant is without a vowel, the short *e* (·) is sometimes assumed in Hebrew, especially with sibilants, which are strongly disposed to it, seldomer with liquids and mutes, but always only in isolated substantives or adverbs, as *עַדְרָה* and *אַעְדְרָה* *foot-chain*; *אֶרֶץ* and (more rarely) *אַרֶץ* *arm*; *אֶצְבַּע* *finger*, *אַשְׁכָּל* *cluster*, *אֶרֶב* *form*, where the Guttural ר seems to be the cause of a (·) for *e* (·), and *אֶחָד* *yesterday* for *אֶחָד* Job, 8. 9. This also takes place, though still more rarely, before a consonant disposed to it, with a firm vowel following, as *אֶקֶר* and *אֶקֶרִים* *chains*, Jer. 40. 1.

4. *Assimilation*. Where two different consonants concur at the end of a preceding close compound syllable, one sound is easily changed into the other more important one, and the softer, more attrited the language becomes, the more frequently does this take place. In this case, as a general rule, the first sound is changed into or *assimilated* to the second, which must necessarily be a firm sound, a mute, or a sibilant, while the first is one of the softer, weaker class. Thus נ is most easily and frequently thus resolved, as *רַשָׁשׁ* for *רַשָׁשׁ*, *נָחָשׁ* for *נָחָשׁ*, *מִזָּה* for *מִזָּה*; much seldomer ל, as *רַקָּה* and *רַקָּה* for *רַקָּה* and *רַקָּה*; very rarely, as *בָּשָׂא* for *בָּרִכָּא* which is the form of the word in Syriac and Arabic; and מ only in a few foreign words, as *לָמְפִיד* for *לָמְפִיד*, Gr. *λαμπάδες*, *lamps*. This usage is very frequent and almost regular with the prefix syllable הָה before a very kindred consonant, as *הָהָר* for *הָהָר*; *הָהָר* for *הָהָר*; *הָהָר* for *הָהָר*; yet variant from this we find *הָהָר* Judg. 19. 22. In almost all cases of this kind the

absorbed or assimilated letter is compensated by Dagesh forte in the following consonant, but from the principle stated § 12. 3. it is evident that such compensation cannot be indicated at the end of words ; consequently it fails in such cases as אָהָרָא (for אֶהָרָא), בָּתָּא (for בִּתָּא), אִדָּחָא (for אִדְחָא), where a furtive vowel would stand in the full form, but reappears whenever accession accrues to the word, as אַפִּי *his anger*, בָּתִּי *his daughter*, &c.

All languages discover more or less the same tendency towards the assimilation of consonant sounds, particularly such as are kindred in their own nature. Thus in Greek, συμμαχος, συλλαβανω, συρραπτω, for συμμαχος, συλλαβανω, συρραπτω; and Lat. colligo, committo, corripio, illustris, pellucidus, for contigo, committo, conripio, inlustris, perlucidus. In the Heb. phrase אֶרְאֶמְךָ לֵאמֹר *and he said, no*, 1 Kings 11. 22, it would seem that the Dagesh forte was intended to indicate that the ר, though the words are written separate, is to be considered as coalescing with the ל, and the words to be pronounced *va-erōmēl-lō*. Cases of this kind are rare in the printed text, but in many Heb. MSS. are said to be more frequent. This is strikingly accordant with Arabic usage. In like manner in some ancient Greek inscriptions τημ μητερα is found written for την μητερα, πολ λογον for τον λογον, &c.

5. *Transposition.* In order to facilitate the pronunciation in such cases of concurrent sounds, a T at the end of a syllable followed by an S changes places with it, because it is easier to pronounce ST than TS ; and the T-sound must then always accommodate itself to the accompanying sibilant ; consequently we have הִתְסוּלֵל for הִסְוֵלֵל, הִשְׁתַּמֵּר for הִשְׁמֵר, הִתְצַדֵּק for הִצְדַּק. In הִתְשׁוּקֵט Jer. 49. 3, the transposition is avoided in order to prevent the too great concurrence of T-sounds. Other instances of transposition, which belong, however, more properly to lexicography than grammar, are the following, viz. כִּסְלֵי for כִּסְלֵי *to be foolish*, כֶּבֶשׂ for כֶּבֶשׂ *a lamb*, נִשָּׁם for נִשָּׁם *to breathe*, פָּצַח for פָּצַח *to break out*, אָנַח for אָנַח *to sigh*, נְאִיחוֹת for נְאִיחוֹת *valleys* ; and in some cases a letter is transposed to another syllable, as עֲוֹלָה for עֲוֹלָה *wickedness*, שִׁמְלָה for שִׁמְלָה *a garment*.

§ 25. OF THE GUTTURALS AND RESH, AND THE VOWEL CHANGES OCCASIONED BY THEM.

1. The Gutturals constitute a class of letters in many respects peculiar to the Shemitic languages, which, from their vocal properties, necessarily exercise a powerful influence upon the forms of words. In their enunciation they propel a softer or harder breathing from the chest, according as the breath comes forth pure and un-

interrupted, or grates, as it were, against the organs of the throat, and calls them into action. If the breath flows quite pure, as in א, there arises merely a gentle aspiration, inaudible without a vowel, and answering to the *spiritus lenis* of the Greeks. If the breath is more sharply propelled against the organs, the sound will be the pure but harder aspirate ח (*h*), answering at the beginning of a word to the Greek *spiritus asper*. If the aspiration be still stronger, there arise the weaker ע (*gh*) and the stronger כ (*ch* or *hh*), two very rough guttural sounds bordering closely on the firmer consonants *g*, *k*, *q*, but pronounced deeper than *g* and *k*, and impinging upon the epiglottis less than *q*.

2. Viewed as aspirates the Gutturals approximate much more nearly to the vowels than to the other consonants, and in regard to their pronunciation there is no difficulty when they are accompanied by full vowels, as אֶלֶּה, אֶמֶר, חֶרֶט; but where, according to usual analogy, a consonant would be pronounced without a vowel, that is, with simple Sheva, the Gutturals, from the very nature of their sounds, assume somewhat of a vocalic enunciation, which is expressed by the composite Shevas; thus while מְלָכִים exhibits simple Sheva under its first letter, the Guttural in עֲמָלִים, an analogous form, takes Hateph Pattah. See § 10.

3. This grand peculiarity of the Gutturals, their taking the *composite* instead of simple Sheva, holds invariably in the *beginning of a syllable*, but at the end of a mixed syllable after a short vowel simple Sheva very frequently occurs, as יְדַעְתִּי, נִהַפֵּךְ, יְהִשֵּׁב, יִרְאֶה; more especially if the next begins with Yod, as בְּעֵינַי, מְהִירָה, יְהִירָה.

4. When a Guttural with a composite Sheva is preceded by a letter under which simple Sheva, or its substitute short Hireq, would properly stand, such preceding letter takes the short vowel corresponding with the composite Sheva. Consequently,

·:	{	will require the preceding letter to be pointed with	{	·:	as	יְעַקֵּב (יַעֲקֹב)
·:				as	לְאֵנוּשׁ (לְאֵנוּשׁ)	
·:				as	לְחָלִי (לְחָלִי)	

The reason of this usage, which generally takes place only in *syllables before the tone*, is derived from the same physical considerations with that of the punctuation of the Gutturals themselves. The slightest experiment will satisfy any one that it is not possible to pronounce with ease a succession of strongly dissimilar vowel sounds, as for instance in the combination of *yī-hā-ē-ī-ā-kōv*. There will necessarily, in rapid utterance, be a coalescence or amalgamation

of sound, such as is indicated by the corresponding vowel-signs in the table just given. It is to be remarked, however, that this usage never takes place either in the last syllable of a word, or in the tone syllable, since though we have *שְׁמַעְתָּ*, *יִרְעַנְךָ*, yet we never meet with *שְׁמַעְתָּ*, *יִרְעַנְךָ*, simply for the reason that after the tone accent the voice naturally hurries forward. Indeed we not unfrequently find the composite Sheva dispensed with in a syllable of this kind, even when in the course of flexion it has lost the tone, as *שְׁמַעְתָּם*; but when followed by *ן* the other mode of pointing is more common, as *יִרְעַנְךָן*.

5. When a Guttural, however, thus pointed is immediately followed by a simple Sheva, the composite Sheva is dissolved, and only the vowel-part remains; as *יִרְעַבְרִי* instead of *יִרְעַבְרִי*, which would make an impossible syllable. So *נִהַפְכָה* instead of *נִהַפְכָה*; *פָּעַלְךָ* instead of *פָּעַלְךָ*. In this case, however, the resulting vowel never has the tone, as the power of the pronunciation remains with the former original vowel.

6. As the Gutturals, from the position of the organs in enunciation, have a strong affinity for the *a*-sound and an equally strong repugnance to the *i*-sound, it therefore happens that a Guttural at the end of a syllable preceded by short Hireq, causes such Hireq to be changed either to Segol or Pattah, both which are more compatible with this species of sound. Thus we have *נִהַפְךָ* instead of *נִהַפְךָ*; *יִרְעַבְךָ* instead of *יִרְעַבְךָ*; *יִרְעַבְךָ* instead of *יִרְעַבְךָ*. The same is frequently, though not uniformly, the case with *ר*; as *וַיִּרְאֵהוּ* *he saw*, for *וַיִּרְאֵהוּ*; *וַיִּרְאֵהוּ* *he embittered*, for *וַיִּרְאֵהוּ*; *וַיִּרְאֵהוּ* *he fled*, for *וַיִּרְאֵהוּ* or *וַיִּרְאֵהוּ*. It is, moreover, because of this native discordance between the sounds of *i* and *u* (*י* and *ו*) and *a*, that they never appear as Hateph-vowels, but that *e* and *o* universally occur.

Indeed the strong affinity of the Gutturals for Pattah, especially in final syllables, frequently causes this vowel to appear before them when no other reason can be assigned for its occurrence; as *שְׁמַע* instead of *שְׁמַע*; *זָרַע* instead of *זָרַע*; *רָמַעַל* for *רָמַעַל*; *רָמַעַל* for *רָמַעַל*; *נִצַּח* for *נִצַּח*. When, however, the final vowel is immutable and cannot be excluded, Pattah furtive is inserted before the Guttural; as *הַשְׁמִיעַ*, *נִבְרָחַ*, &c.

7. In syllables ending with two consonants, where the Guttural in the middle is not so free, and especially with hard *ר*, the Segolate pronunciation usually remains, as *לָחַם*, *רָחַם*; but the final *e* (ִ) is always changed into *a* (ֶ) in a Segolate form as soon as ever the penultimate *e* (ִ) has been changed before the Guttural into *a* (ֶ), because the second vowel is generally made to be only an echo of the first, as *פָּעַם* (פָּעַם), *נָעַר* (נָעַר), *בָּרַח* (בָּרַח). See this more fully

explained under the head of *Segolate Nouns*. Cases sometimes occur where final or penultimate Gutturals attract the whole vowel-power of the word to themselves, נָשַׁע, מָעַס, קָחַת, but most of all with the weak א, as שָׂאֵת, פָּאֵר, זָאֵב.

8. A distinguishing character of the Gutturals is, that they are incapable of reduplication; hence the insertion of Dagesh forte in these letters is precluded, even where it is analogically due, as in נָאֵץ for נֶאֵץ; בָּרֵךְ for בִּרְךְ, &c. These are called cases of *implied Dagesh*.* But in order to compensate for this omission the preceding vowel is lengthened, as מֵאֵן for מֵאָן; מֵאֵן for מֵאָן; מֵאֵן for מֵאָן.

In many cases this compensative lengthening of the preceding vowel is dispensed with; as נָחַת instead of נֶחַת; מִרְחֶפֶת instead of מִרְחַפֶּת. The Pattah, however, or any other short vowel thus situated is to be considered as long, as it stands before an *implied Dagesh*. § 25. 8.

9. In cases where analogy would require reduplication, a Guttural with Kamets or Hateph Kamets is very prone, for the sake of euphony, to take Segol instead of Pattah or Kamets immediately before it, as פָּחֵה, הָחֵרִים, לָחֶבֶה, אָחִיר, הָחֵרְשִׁים, instead of פַּחֶה, הַחֵרִים, לַחֶבֶה, אַחִיר, הַחֵרְשִׁים. This is probably owing to the fact that soft *e* (Segol) was regarded as an easier sound to the language before the concurrence of a Guttural and long *a* (Kamets) than either that of Pattah or Kamets.

Note. The following are exceptions to this rule; viz. הָחֵר, הָחֵרֶץ, &c. The word חֵדֵר is anomalous, being probably put for חֵדֵר.

10. When He (ה) stands at the beginning of a word immediately before another Guttural, it not unfrequently takes Pattah instead of Hateph Pattah, the concurrence of the two Gutturals causing the fleeting vowel sound to be somewhat more full and distinct; hence

הַעִירְתִּי	instead of	הַעִירְתִּי
הַעִירְוֹתִי	"	הַעִירְוֹתִי
הַחֲלֹתִי	"	הַחֲלֹתִי
הַחֲלֵם	"	הַחֲלֵם
הַחֲתֵם	"	הַחֲתֵם

Thus too in the same situation Aleph (א) takes sometimes Tseri

* That the doubling of the Resh, however, is not absolutely impracticable appears from the following cases; כָּרַת Ezek. 16. 4, שָׂרַף Prov. 3. 8, מָרַת Prov. 14. 10.

instead of Hateph Segol, and sometimes Holem instead of Hateph Kamets, as

אֶמֶךְ	instead of	אֶמֶךְ
אֶבֶם	“	אֶבֶם
אֶזֶר	“	אֶזֶר
אֶתִיר	“	אֶתִיר
אֶחָלִים	“	אֶחָלִים

§ 26. OF THE QUIESCENTS AND THE VOWEL CHANGES OCCASIONED BY THEM.

I. Of א and ה.

1. Of these two letters, considered as *Gutturals*, it has been already remarked (§ 25. 1.), that they are the weakest of the whole class, amounting in fact to little more than simple *breathings*. The consequence is, they frequently lose their sound altogether, and are thus brought into the class of *Quiescents*, in which character they are subject to several peculiarities that require to be fully treated.

2. The degree of their vocality or aspiration depends mainly upon their position in a word or syllable. At the beginning of a word the aspirate is most strongly and distinctly audible, as there is no impediment whatever to the sound, as in אֶמֶר, אֶחָל, אֶלֶף; but in other positions the utterance is less easy, and leads to the effort to suppress the sound of the aspirate by drawing back its accompanying vowel, or Hateph-vowel, attaching it to the preceding consonant, and lengthening it if short. Thus,

שְׁאֵלָה	instead of	שְׁאֵלָה	רֵאשִׁיט	instead of	רֵאשִׁיט
חֲשָׂאָה	“	חֲשָׂאָה	בִּאֵר	“	בִּאֵר
רֵאשִׁים	“	רֵאשִׁים	שֵׁאָה	“	שֵׁאָה
מֵאֵחָלִים	“	מֵאֵחָלִים	פֵּאֵרָה	“	פֵּאֵרָה

and as letters not sounded come naturally to be omitted in writing, hence שְׁלָה for שְׁאֵלָה (שְׁאֵלָה), נִרְבָּה for נִרְאָה, מִצְחִי for מִצְחָה. So also in respect to ה, as לִבָּן for לִהְבֵּן, לִמְלֶךְ for לִהְמֶלֶךְ, רִחוּמָה for רִחוּמָה, לִהְקִטִּיל for לִהְקִטִּיל. At the *end* of a syllable the aspiration of the weaker Gutturals א, ה, easily becomes too feeble to be distinctly audible after the accompanying vowel; so that the vowel is uttered without the clear aspirate after it. But this is very rare in syllables *before* the tone, because the Guttural there can easily facilitate its utterance by assuming composite Sheva (§ 25. 3.); but in cer-

tain combinations of rather frequent occurrence, א is rendered for the most part mute, as לֵאמֹר for לְאָמֹר, נִאֲדָה for נְאֻדָה, נִפְלְאַתָּה for נְפִלְאָתָּה, הִאֲזַקְרֶיךָ for הִזְאָזְרֶיךָ, מִצַּעֲתָה for מְצַעֲתָה. In this case the vowel, according to § 26. 2, is regularly lengthened.

3. The usual effect of this law of quiescence, as we have just observed, is to lengthen the previously short vowel; but a remarkable exception to this occurs in regard to the word אֲדֹנִי *Lord* with its prefixes, as וְאֲדֹנִי, וְאֲדֹנִי, בְּאֲדֹנִי, לְאֲדֹנִי, &c. Yet this usage is not uniform, as we find אֲדֹנִי in the construct state, as also always אֲדֹנֵינוּ, אֲדֹנֵיכֶם, אֲדֹנֵיהֶם. The peculiarity was probably intended as a distinction of the holy name of God, as אֲדֹנָי, אֲדֹנָי, &c. present the same anomaly. A similar usage obtains also in the case of the words לְקִרְיָה (instead of לְקִרְיָה), מְלִאכְתּוֹ, and a few others, of which we can only say that it is in marked contrariety to the general laws of the vowel combinations.

4. He (ה) never quiesces except at the end of a word. Whenever, therefore, in consequence of final accession it comes to stand in the middle of a word, and where it cannot quiesce, it is for the most part exchanged for Yod or Tav; as בְּלִיָּה for the analogical בְּלִיָּה; בְּלִיָּה for בְּלִיָּה; בְּלִיָּה for בְּלִיָּה. Sometimes it is entirely thrown away; as בְּלִיָּה for בְּלִיָּה; בְּלִיָּה for בְּלִיָּה. See § 26. 3.

II. Of ו and י.

1. The consonants formed by the anterior organs, from the back part of the palate to the edge of the lips, are firmer than the Gutturals, and their sounds therefore more distinct and audible. These sounds, however, instead of being abrupt and hard, are rather drawn out, flowing, melting, and therefore easily lost and resolved. Of these the letters ו (v) and י (j=y) stand closely related to the vowels u (oo) and i (ee), i. e. to ו and י. in origin, pronunciation, and reciprocal change; their sounds being in fact nothing more than those vowel-sounds hardened, by a slight change in the action of the organs (§7. 2.), into consonants. Consequently u (ו) and i (י) become hardened on suitable occasions to v (ו) and j (י), and on the other hand v and j are as easily resolved, by softening, into u and i; for which reason they are often not improperly termed by grammarians *semivowels*. As j (י) however is somewhat harder and firmer than v (ו), it has happened that in many formations necessarily requiring a consonant, particularly at the beginning of words and syl-

lables, **ו** has been supplanted by **י**, as **רָשָׁב** for **רָשָׁב**, **רָאָה** for **רָאָה**, **רָחַץ** for **רָחַץ**, &c., on which is founded a classification of verbs Pe Yod, § 42. An exception to this occurs in the case of some few nouns, as **וָרֶר**, **וָרֶר**, **וָרֶר**, **וָרֶר**.

2. The general rule in regard to these sounds, which float, as it were, between vowel and consonant, is, that they become hardened into consonants wherever the vowel sound cannot maintain itself. Consequently this occurs *at the beginning of syllables*, and more especially *at the beginning of words*, because, as no syllable in Hebrew can begin with a vowel sound (§ 9. 1.), they must when occupying that place be pronounced immediately *before* such a sound, and therefore retain their consonant power, as **וָרֶר**, **וָרֶר**, **וָרֶר**. Yet there are some cases even here where **ו** and **י** begin, at least, to throw off their consonant and assume their vowel sound, as copulative **ו** for instance before another labial **ב**, **מ**, **פ**, as **וּבָרַח**, **וּמָרַח**, and before every consonant not having a firm vowel, i. e. with Sheva, as **וּלְמַלְכָּךְ**, **וּלְמַלְכָּךְ**. Here analogy would require **וּלְמַלְכָּךְ**, **וּלְמַלְכָּךְ** (§ 27. 8.), but the **ו**, instead of taking the heterogeneous Hireq, is resolved into its own appropriate vowel **ו**.

3. When **ו** or **י** having Sheva are preceded by a heterogeneous vowel, as **ו** by **ā** (**וֹ**), **ā** (**וֹ**), **ē** (**וֹ**), **i** (**וֹ**); or **י** by **ā** (**יֹ**), **ā** (**יֹ**), **o** (**יֹ**), **u** (**יֹ** and **יֹ**), they naturally give rise, as we have before remarked (§ 18. 2.), to a mixed diphthongal sound, as **וֹי**, **וֹי**, **וֹי**, **וֹי**. These sounds are indeed sometimes retained, as in the words now cited, and in **וֹי** 1 Chron. 12. 2. **וֹי** Hos. 7. 2. and elsewhere, yet as the language generally aims to avoid them, resolution for the most part takes place. The expedient for this is twofold, according as it is desired to retain the vowel or the consonant sound; it being always understood that the *vowel* so retained instead of the consonant is immutably long. At the end of words, moreover, **ו** is often substituted for **ו** and **י** when they cease to be consonants, which **ו** however is not pronounced, but stands without a vocal sign to indicate that the word properly terminates, not in a consonant, but in a vowel sound, as **וֹי** for **וֹי**, **וֹי** for **וֹי**.—The method adopted is the following; either

(a) The Vowel is made by contraction to conform to the Quiescent, i. e. **av** (**וֹ**) and **iv** (**וֹ**) go into **o** (**וֹ**) or **u** (**וֹ**), and **aj** (**יֹ**) into **e** (**וֹ**) or **i** (**וֹ**), as **וֹי** for **וֹי**, **וֹי** for **וֹי**, **וֹי** for **וֹי**, **וֹי** for **וֹי**. Or,

(b) The Quiescent conforms to the vowel, i. e. *av* (וּ) and *aj* (יּ) go into *a* (א), and *iv* (י) into *i* (י), as בָּלָה for בָּלָה or בָּלָה, שָׁלַח for שָׁלַח, מָרַח for מָרַח, יָרַח for יָרַח, שָׁלַח for שָׁלַח.

4. When the letters ו and י occur with vowels in the middle of words their native tendency to softening or resolution is facilitated by their position, as the vowel which remains can easily attach itself to the preceding consonant; hence a contraction or syncope sometimes takes place similar to that in the Latin of *amāsti* for *amavisti*, *mi* for *mihi*, or in the English *I'll* for *I will*. The semi-vowel is in this case very often elided, and the resulting vowel for the most part lengthened, as קָם for קָם, שָׁוּב for שָׁוּב, הָקָרִים for הָקָרִים, בָּרַן for בָּרַן, שָׁנָה for שָׁנָה, הָשָׁוִיב for הָשָׁוִיב.

5. From some indications it would appear that the י with Hireq at the beginning of words had so weak a sound as to approximate very closely to a vowel, so that in all probability יִשְׂרָאֵל was pronounced more nearly like *Israel* than *Yisrael*, just as the Sept. renders *Isaax* for יִצְחָק, and *Iouda* for יְהוּדָה. Accordingly when standing at the beginning of a word either with Hireq or Sheva, it is very prone to lose its consonant power and resolve itself into the *i*-sound with any prefix which may happen to be placed before it, as יָרַי, בִּירַי, בִּירַי.

6. The leading cases in which ו and י maintain themselves as consonants are, (1) When a reduplicated consonant follows, as הָרַבֵּר, which enables them to hold their vowel more firmly (§ 9. 7). (2) When they are themselves to be doubled by the necessities of formation, as קָם, יָבֵל. This is avoided when practicable, and when unavoidable ו is usually changed into י. (3) If an immutable long vowel precedes, as גִּירָה, יָסִידָה; although in this case kindred vowels may unite before ו and י become consonants, as עֲבִירָה, צִפְרָה, עֲבִירָה. (4) When a Guttural follows, as נִרָה, נִרָה, or even goes before, as הָשָׁתַּחֲוֶה, מִשְׁתַּחֲוֶה, נִאֲוָה. (5) In forms of the Segolate kind having *a* under the first consonant; for in this case the short auxiliary vowel (§ 8. 7.) easily intrudes in consequence of the firm nature of these forms, before the last consonant, whereby ו and י are better sustained as consonants, as מָרַח, בָּרַח, מָרַח. When the auxiliary vowel has for particular reasons fallen away the rest of the vocalization generally remains, as שָׁחַח, נָחַח; yet even here the resolution sometimes occurs, as נָחַח.—As a singular exception to the general rule, ו has remained as consonant after a discordant vowel

in the ancient root שָׁלַח or שָׁלַח *to rest*, probably to distinguish it from שָׁלַח *to draw out*, and י in מִיָּמִינֵם 1 Chron. 12. 2, and אִי־סִירֵם Hos. 7. 12.

7. At the end of trilateral syllables ו and י can by no means be sounded as consonants, as they are then utterly destitute of support, and must necessarily be pronounced as vowels. Indeed ו, which is the most frequent here, attracts the tone of the syllable so strongly to its Hireq, that the vowel sound of the first consonant entirely disappears, as שָׁבִי (שָׁבִי), פָּרִי (פָּרִי), יָהִי (יָהִי from יָהִי), in which last case the Sheva originally due by § 27. 8. under the first Yod is restored, because that belonging to ה has been lost by quiescence. In such words however as בָּרוּךְ (בָּרוּךְ), the o-sound, which is generally more permanent in its nature, does not so easily suffer itself to be expelled. On the other hand, as soon as ever a vowel becomes audible after such a ו or י, they again resume their consonant power, as פָּרִי, יָהִי, קָצוֹת.

CHAPTER II.

§ 27. VOWEL CHANGES IN GENERAL.

1. A distinguishing peculiarity of the Hebrew is the numerous changes which the forms of words undergo, especially in the process of inflection, by reason of the commutations and rejections of the vowels, and the consequent breaking up and re-creation of syllables. These are for the most part effected by the operation of the tone, the removal of which from its primary seat is necessarily accompanied by the lengthening or shortening, or complete disappearance, of some or all of the original vowels. This is in fact the *rationale* of a very large proportion of the vowel changes in Hebrew, and it is in perfect analogy with the operation of the same cause in our own and other languages. Let the word *dēclāim*, for instance, be changed into *dēclāmation*, and it is obvious that the original long vowels at once become short in consequence of the natural tendency of the voice to hurry over the preceding syllables, and expend its stress upon that on which the accent falls. If we suppose this change in the quantity of the vowels to be represented by appropriate signs to the eye, it will convey an accurate idea of the effects produced from this cause upon the forms of Hebrew words. In considering, therefore, the influence exerted from this source upon syl-

lables and vowels, it becomes necessary to advert to an important distinction of the vowels as *mutable* and *immutable*. In denominating, however, certain vowels *mutable*, and certain others *immutable*, it is not to be understood that the terms hold true absolutely and universally of either class. Both are subject to exceptions, and yet the usage in regard to both is on the whole so fixed and prevailing as to lay a sufficient ground for the classification, which accordingly we do not hesitate to adopt.

2. *Immutable Vowels*.—The vowels which are most properly thus denominated, from their almost invariably resisting change, are

(a) Those in which a homogeneous semi-vowel quiesces, as א, ט, י, ו, יו, יי; e. g. in the words ראש, חֵרֶבֶל, שִׁיר, קוֹל, קוֹם. The rule holds good though the quiescent letters may have fallen out in writing, as רשׁ for ראשׁ, מְשִׁיחַ for מְשִׁיחָה, זָבֵל for זָבוּל. The principal exceptions to the rule are the following: Kamets is lost in such words as מְצַח, מְצַחָה; גָּלְתָה, גָּלְתָהּ; Hireq in Hiph. הִקְטִיל, הִקְטִילָהּ is altogether rejected, and in the Future and Imperative changed into its equivalent Tseri, as וְהִקְטִיל for וְהִקְטִילָהּ; Holem disappears in מְצַח, מְצַחָה; the long impure vowels are sometimes exchanged for each other, as מְנוּסִים pl. מְנוּסִים, or for long or short pure ones, as Imp. 2d pers. masc. קוֹם, 2d pers. pl. fem. קִמְנָה, const. גָּדֹל, קִמְנָה; tone retract. וְקָם. It would seem from the changes above exhibited that the language regarded the vowels *u* and *i* as shorter than *o* and *e*.

(b) Short vowels in mixed syllables before Dagesh forte; as גָּבַח, גָּבַחָהּ; also in the first of two mixed syllables, as מְלָכִים, מְלָכִים. To this again there are some exceptions, as אָתָּה, in pause אָתָּה, &c.

(c) Those vowels after which a Dagesh forte should properly stand, but which on account of a Guttural has fallen out; as הִרְיָאֵל for הִרְיָאֵל; בָּרַךְ for בָּרַךְ.

3. *Mutable Vowels*.—As Kamets, Tseri, and Holem often appear without their respective quiescents, they, together with the short Pattah, Segol, Hireq, Kamets Hateph, and Kibbutz, constitute the class of *mutable* vowels, i. e. such as are liable to commutation or rejection from the influence of final increment, removal of tone, regimen, euphony, &c.

4. *Synopsis of Vowel Changes*.—As a general rule, the changes of vowels for each other are limited to the respective classes to

which they belong, as stated § 7. 2, 3. Consequently as each long mutable vowel has one or more corresponding short ones for which it may be exchanged, and *vice versa*, therefore we find, in the

LONG VOWELS,

Kamets (ָ)	shortened into	{	Pattah generally	(-)
			Segol sometimes	(ֿ)
			Hireq rarely	(ִ)
Tseri (ֿ)	“ into	{	Segol generally	(ֿ)
			Hireq often	(ִ)
			Pattah rarely	(-)
Holem (ִ)	“ into	{	Kamets Hateph generally	(ָ)
			Kibbutz seldom	(ִ)

SHORT VOWELS,

Pattah (ֿ)	{	lengthened into Kamets generally shortened into Hireq occasionally	(ָ)
			(ִ)
Segol (ֿ)	lengthened into	{ Kamets often Tseri often	(ָ)
			(ֿ)
Hireq (ִ)	“	into Tseri generally	(ֿ)
Kamets Hateph (ָ)	“	into Holem occasionally	(ִ)
Kibbutz (ִ)	“	{ Holem generally Shureq seldom	(ִ)
			(ֶ)

5. Upon inspection of the above table it will be observed that the vowel changes are not always *direct* but often *oblique*; that is, they are not uniformly exchanged for their *appropriate* opposites, as Kamets for Pattah, Tseri for Segol, Holem for Kamets Hateph, &c.; but often for those of merely a *kindred* sound, as *â* for *ē*, *ē* for *ī*, *ō* for *ū*, &c. Of these peculiarities it will be proper to give a more detailed account.

(a) In a mixed syllable (ֿ-) from which the tone has been removed, Pattah from an original Kamets frequently goes into Segol (ֿ) as if it were considered a somewhat shorter sound, as רָדָם for רִדָם; אָבֵלָה for אִבֵלָה; רִחֲמֵאל for רִחֲמֵאל. Especially is this the case before a Guttural with an implied Dagesh in it and Kamets under it, as אֲחִירִי for אָחִירִי; הֲחֹזֵן; בָּחֵשׁ (for בָּחֵשׁ); and so usually with ה. With ה and ע Segol occurs in order to give more distinctness to the sound of the several Gutturals, as הֲחֹרִים for הָחֹרִים; הֲעֹן for הָעֹן. Before א and ר where no Dagesh is

implied, Kamets for the most part remains, as האבות, הארץ, (though occasionally הארץ, הארץ). So also in syllables ending originally in two vowelless consonants, as פֶּלֶב for פֶּלֶב from פֶּלֶב, רִנָּה for רִנָּה from רִנָּה (Fut. Apoc. Hiph. from רִנָּה).

(b) A still more remarkable, though rare, change is that of (:) into (.), as דְּמָמָה for דְּמָמָה from דָּם, מְדֹד for מְדֹד from מֶדֶד, רִנָּהּ from רִנָּה, רִנָּהּ from רִנָּה.

6. The dominant law, as already remarked, which governs the vowel-changes in Hebrew is, that *the accession of syllables at the end of a word causes either a change or rejection of its original vowels*. These accessions or augments which arise either in consequence of personal or plural ending or of pronominal suffixes, may be considered as of two sorts; one commencing with a vowel, and which may be termed *asyllabic*; the other with a consonant, which may be termed *syllabic*.* As to the effect of such accession, it is obvious that upon any *asyllabic* augment being postfixed to a word, the terminating consonant of such word must be taken in order to enounce it, otherwise it will remain silent; it being contrary to the laws of syllabication for any vowel to begin a syllable (§ 9. 1). If, for instance, we attach the *asyllabic* augment ים, the plural masc. termination, to any word as בָּר pure, we must necessarily take the last letter to enounce it, as בָּרִים *bâ-rim*. If the augment be *syllabic*, though the vowels are often affected by it, this breaking up of syllables does not take place, as בָּר, בָּרִים; קָטַל, קָטַלְתָּם. In words of more than one syllable these final increments cause very marked and important changes in the forms. Thus in the const. pl. and suffixed forms דְּבָרִי *words of*, and דְּבָרֶיךָ *your words*, a still further change has taken place, leaving none of the original vowels remaining. So in the verb קָטַל *he killed* we have the 2d pers. pl. masc. קָטַלְתָּם *ye have killed*, and the suffixed Inf. קָטַלְךָ *your killing*.

7. As every short vowel is, by § 8. 3, 4, dependant on and supported by a mixed syllable only, it must consequently immediately disappear if the compound syllable is broken up by the carrying on of the second consonant to another syllable, as רִנָּה, רִנָּה, where the ה having entirely changed its relation to the syllable the short

* The reason of these terms is obvious. A vowel cannot commence a syllable in Hebrew (§ 9. 1.), hence augments thus commencing are termed *asyllabic*; those commencing with a consonant are, for a similar reason, termed *syllabic*.

vowel falls away. But a short vowel, if supported by the tone, may remain even in a simple syllable, as מְדַבֵּר instead of מְדַבֵּרָה, פְּרַמְלָה instead of פְּרַמְלָה. See § 8. 3, 4. The effect of the euphonic Metheg is often the same as that of a tonic accent in sustaining a short vowel, as נֶאֱמַר for נֶאֱמַר; הִעֲדִיתִי for הִעֲדִיתִי; תִּהְיֶה; רָשָׁע; קָדָשִׁים.

8. Whenever a vowel falls away, Sheva, either simple or composite, which in its very nature denotes the absence of a vowel (§ 9. 2.), comes of course in its place, as in the instances above; but in case two successive vowels fall away (§ 27. 11.), as this would make an impossible syllable, short Hireq is usually employed instead of the first, as דָּבָר, pl. דְּבָרִים, const. דְּבָרִי instead of דְּבָרִי; צִדְקָה instead of צִדְקָה. But if one of the two vowelless letters be a Guttural, the supplied vowel is Pattah or Segol for the reason given (§ 25. 6.), as pl. אֲנָשִׁים, const. אֲנָשִׁי; חֻלְקִים, const. חֻלְקִי. In other cases, however, besides those of the Gutturals, Pattah appears returning from a primitive *a*, as רָגֵל (from רָגֵל, orig. רָגֵל) and מַלְכִּי (from מַלְכִּי, orig. מַלְכִּי); and where *o* is in the original form it always returns, as קָטָל (from קָטָל), בָּפָרִי (from בָּפָרִי).

9. *Shortening the Long Vowels.*—It being an invariable rule in Hebrew that a long vowel cannot stand in a mixed syllable unless it be accented (§ 9. 3.), hence whenever the tone has been for any reason removed, either forwards or backwards, the shortening of the former tone-vowel, if it do not fall away, follows as a necessary consequence. Thus,

1. Forwards.		2. Backwards.	
רָד	becomes	רֶדֶד	becomes
רָשָׁ	"	רֶשֶׁשׁ	"
רָבִ	"	רֶבֶב	"
רָק	"	רֶקֶק	"
רָקָט	"	רֶקֶט	"

10. *Lengthening the Short Vowels.*—This, on the other hand, takes place (1) When the form of a word, in the course of flexion or augment, is so changed that they stand alone, i. e. in a simple syllable, as קָטָל, קָטָל; קָטָל (not קָטָל); פָּתַח, פָּתַח. So before a quiescent, as מַצָּא instead of מַצָּא, נָלָה instead of נָלָה. (2) When a Dagesh forte due is omitted either because the letter is a Guttural (§ 25. 8.) or stands at the end of a word (§ 12. 3.), as בָּרָךְ instead of בָּרָךְ, בָּרָךְ instead of בָּרָךְ, רָגַל instead of רָגַל, אֶם instead of אֶם.

- אמ. (3) In some cases where the article precedes; see § 29. 5.
 (4) In consequence of the pause accent, § 22. c.

Perhaps in the great majority of cases the vowel in mixed final syllables is to be in theory considered as having been originally short; at least so far as we can conceive of the syllable's having existed before it became the seat of the tone. But whenever the tone fell upon such syllables the natural effect was to *prolong* the sound of the voice in utterance; and of this a further obvious consequence would be to substitute a *long* or *longer* vowel for the *short*. Thus בִּקְשׁ is in all probability so written for בִּקֶּשׁ, יִפְקֹד for יִפְקֶד, הִרְבֵּל for הִרְבֶּל, שָׁאָה for שָׁאָה. Accordingly such cases as עָם, סָעַד, אָם, כָּל, Ps. 35. 10, are very rare, though Segol and Pattah in this position are comparatively frequent, the latter of which from the ease and *nativeness* of its sound often supplants the former, as בָּז and צָד instead of בִּז and צֶד (as is evident from the suffixed forms בָּזִי and צֶדִי). So instead of אֲוֹבֶד we have אֲוֹבֶד, though in other cases forms seem to fluctuate between Pattah and Tseri, as נָדָל and נָדֶל. Owing to the operation of the same cause, viz. the natural predominance of the Pattah or *a*-sound, when two such forms, for instance, as שָׁאָל and שָׁאֵל occur, we find that the course of flexion never gives rise to שָׁאֵלָה or שָׁאֵלָה, but always to שָׁאֵלָה. In like manner from דִּבֶּר or דִּבֶּר always דִּבְרָה, דִּבְרָה, &c.

11. *More detailed view of the effects of accession.*—In dissyllables, which constitute most of the ground-forms of the language, if the tone be moved forwards (i. e. to the left) *one* syllable, then the penult vowel, if mutable, falls away, as דִּבֶּר, דִּבְרָה; פָּקַד, פָּקֶדָה; נָדָל, נָדֶלָה. If the augment be asyllabic, the second or final vowel is dropped, as קָטַל, קָטֶלָה; קָטַל, קָטֶלָה. If the tone be moved forwards *two* syllables, both the original vowels, if mutable, fall away, as דִּבֶּר, דִּבְרִיכָה; זָקַן, זָקֶנָה; the failing vowels being supplied according to the rule given § 27. 8. But if the penultimate vowel be immutable it of course remains unchanged, as פָּקַד, פָּקֶדָה; מָנָה, מָנָה. So also if both ultimate and penultimate are immutable, no change will take place in the vowels whatever be the suffix, as יִרְשָׁם; מוֹסְרִי; הוֹלִידוֹ, הוֹלִידוֹ; מְקַדְּשִׁים, מְקַדְּשִׁים.

The particular cases when and where vowels are immutable, or the contrary, as they depend upon a variety of causes, can only be learned by a growing acquaintance with the etymology and general structure of the language. Thus we have in the constr. plur. כְּרִימִים *chamberlains or eunuchs*, Est. 4. 5, with the first vowel immutable because it is derived from the Piel conjugation, whereas in Gen. 40. 17. we find כְּרִימִים with the first vowel fallen out, because it comes from the participial form כְּרִים of Kal, like קָטַל, in which it is mutable. But the learner will find all perplexities of this nature continually giving way before his advances.

12. Of the different kinds of augments or suffixes which produce the effect above described the principal are the following :

(a) *Those beginning with vowels* ; as the terminations ו, ך of nominal forms ; the ך of the fem. sing. ; the ו and ך of plurals ; and such pronominal suffixes as ך, ך, ך, ך, ך, &c.

(b) *Those beginning with a loosely attached consonant* ; viz. such suffixes as ך, ך, ך, &c., all which receive the tone. These are not attached by a distinct or union vowel (§ 30. 5.), nor are they consonants closely attached, but are united to the word by a *floating Sheva* (§ 9. 6.), as is evident from the omission of Dagesh lene (§ 12. 10).

(c) *Those that begin with a closely attached consonant* ; generally persons of verbs, as קטל, קטל, and the nominal forms קטל for קטל.

13. The vowel of a suffix, in case a mixed syllable precedes it, which most frequently happens, takes the last consonant of that syllable to itself, by which the syllable is broken up. If then the vowel of this syllable is only an auxiliary *e* (.) § 8. 7, it always disappears before accented and unaccented suffixes, as קדש, קדש, קדש. If it be a *short accented vowel*, it can, as before remarked (§ 27. 7.), maintain its place before unaccented suffixes by means of the tone, as קדש, קדש, קדש. If it be a vowel *long by tone*, it either remains before accented suffixes, or disappears according to the rules of the foretone, § 21. 5, 6.

14. In the cases where the last consonant is taken entirely to the following syllable, e. g. where the last vowel of the word is toneless auxiliary *e*, the effect is very obvious and regular, the auxiliary always disappears, as קדש, קדש ; קדש, קדש, and the suffix-Sheva is to be considered as vocal, just as it becomes always an audible sound after a vowel immutably long ; as קדש, קדש *ebushka*. But with vowels merely long by tone, the result is not so uniform, the vowel in that case not being always made to disappear ; for the last consonant can be entirely drawn over to the last or suffix-syllable in loose connexion, so that the accented vowel before the tone being left in a simple syllable, either remains long or becomes so, as קדש (קדש), קדש (קדש). This *longer* pronunciation, however, only takes place before the light termination ך, not before heavy ones ending in a consonant, and even before that regularly only with an *a*, seldom with *e*, and never with *o* ; so that

it is in fact merely a kind of foretone. Where the vowel cannot thus maintain itself as foretone, one of two results ensues, either, (1) It remains in its place, but is there necessarily so shortened that the following consonant *floats* between both syllables (§ 9. 6.), in order to leave some trace of the sound of the proper suffix-vowel; thus דְּבַרְכֶם *debar'kem*, אֶשְׁאַלְכֶם *eshal kem*, יִשְׁדֶּךָ, יִתְנֶךָ, יִנְדֶּךָ, יִבְרְכֶם, and even with *i* and *o*, as בְּהִבֶּךָ, יִאֲמָצְכֶם, יִתְחַבֶּךָ (from יִתְחַבֵּב). Or (2) The vowel seeking a firmer seat backwards recedes to the preceding vowelless consonant, whereby the suffix-Sheva becomes perfectly distinct and moveable, as קָטַלְךָ (for קָטַלְךָ, from קָטַל), עָבַדְךָ (for עָבַדְךָ, from עָבַד), יָחַנְךָ (for יָחַנְךָ), יִתְחַבְּרָךְ (for יִתְחַבְּרָךְ). This very seldom happens except with *o*, the vowel most difficult to be expelled, and again only before the light suffix ך. It is almost wholly confined to the construct infinitive, § 33. 2, the apparent anomaly of which is thus fully explained.

PART III.

CHAPTER I.

GRAMMATICAL STRUCTURE AND FORMS OF WORDS.

§ 28. HEBREW ROOTS.

1. We have already stated it as a fundamental axiom in regard to the written Hebrew (§ 5. 1.) that consonants are essential, while vowels are merely accidental; the former denoting the most elementary and radical ideas, as well as sounds, of words; the latter expressing their various nicer modifications and distinctions of sense. This is a principle of the utmost importance in order to a right conception of the true nature of most of the *roots* of the language. Thus in the three consonants גדל there resides the general idea of *greatness*; but גדל and גדל signify *becoming great* or *growing*, גדל *great*, גדל *greatness*, גדל *to make great*, גדל *to be made great*, *to be brought up*, or *educated*. And so in innumerable other instances. The primitive power of words is never dependant on vowels, as in the Latin *eo, aro, oro, uro*, or the Greek *δαω, δεω, δσω, δτω*. It has been usual with most grammarians and lexicographers to regard the *Verb* as the most primitive element of the language, the parent stock from which nearly every other part of speech was derived. This is doubtless true to a considerable extent, but the more correct theory seems to be, to consider the *verb* and the *noun* as collateral derivatives from an abstract root consisting of consonants only, and involving, as it were, both the verbal and nominal meaning, either of which may be developed by means of certain vowel points. Thus instead of deriving מלך *a king*, with some grammarians, from מלך *to reign*, or *vice versa*, with others, the true method probably is, to refer them both to the abstract root מלך, which is to be considered as intrinsically neither verb nor noun, but which becomes a verb if written מלך, or a noun if written מלך. According to this, therefore, the root strictly speaking exists only as a pure abstraction, as an invisible root, hidden, as it were, in the earth, whose trunk and branches are alone to be seen. Because the verb, however, gives a more animated and complete idea, and the noun is conceived of as more easily derivable from the verb than the reverse, the verb has come to be

regarded, in the theory of forms, as the most primitive of the two ; and since in etymology the root must be briefly and distinctly given in some way or other, it has therefore become customary, especially in the Lexicon, to assume the shortest verbal form (קָטַל) as the radical form, just as in the European languages we give the Infinitive, although historically considered it is neither the root, nor the first off-shoot from the root.

2. Another distinguishing peculiarity of the Hebrew and its cognate languages, at least in their existing state, is, that the roots consist for the most part of *only three letters*, usually making two syllables, as קָטַל *he killed*, אֶרֶץ *the earth*. From such trilateral roots has arisen that vast variety of formations used to express case, number, gender, person, tense, &c. Exceptions, however, occur to this *general principle of derivation* in the case of many of the particles, of the primitive pronouns, and several nouns constituting the names of familiar objects, as אָב *father*, אִמָּה *mother*, יָד *hand*, &c., which appear to be *biliteral* in their root. But the principle notwithstanding is so deeply inwrought into the genius of the language, that some words which are really primitive and biliteral are treated in flexion *as though they were derived from trilateral roots*. Thus from אָב and אִמָּה mentioned above are formed אֲבִירָה and אִמָּה, as if from אָבִי and אִמִּי (from אָבִים), although they appear to be borrowed from the spontaneous sounds of an infant in its first lisping efforts at speech ; as the fact is somewhat remarkable that the labial sounds *pa* or *ba*, *ma*, or the inverted *ap*, *ab*, *am*, are those applied by children to parents in most of the ancient, and many of the modern, languages.—See Nordheimer's Heb. Gram. p. 77.

3. It is highly probable, from some appearances in the Hebrew, that it originally contained a much greater number of biliteral roots than it does at present ; and that its trilateral forms resulted, in many instances, from doubling the second radical or adding to it some other letter. Thus the idea of *cutting* is common to all the words קָטַץ, קָרַץ, קָצַץ, קָצַע, קָצַר, and קָצַב ; that of *breathing* or *blowing* to פָּחַץ, פָּחַץ, and פָּחַץ ; leading us inevitably to the inference, that the biliterals קָץ and פָּח were the original roots of the two classes. So also הָלַךְ and הָלַךְ *to go*, common root לָךְ ; טָבַח and טָבַח *to be good*, common root טָב ; דָּחַק, דָּחַק, דָּחַק, דָּחַק *to thrust down*, common root דָּךְ. The letters thus employed to form trilaterals from biliterals are first and mainly the semivowels ו and י ; secondly, the liquids, particu-

larly ; thirdly, the gutturals, especially the weak א and ה. Another very natural and usual expedient is the doubling of the last of the two consonants, as in קָדַד, קָדַד, and קָדַד. Quadriliteral or quinqueliteral roots are very rare in Hebrew, such as בָּרַסַם *to devour*, שָׁלַטַן *to be quiet*, &c. They are generally formed by the repetition or addition of one or more letters to the trilateral root, to which they give an *intensive* import.

4. The Hebrew affords but few instances of the *composition* of separable and independent words, so as to form a new whole, like the Greek *ροδοδάκτυλος* *rosy-fingered*, *ανθρωπαρεσκαία* *man-pleasing*. The following belong to this class, צֶלְמָוֶת *shadow of death*, from צֶל *a shadow* and מָוֶת *death*; בְּלִיעַל *Belial*, from בָּלִי *not* and יַעַל *profit*, i. e. *worthlessness, vileness, wickedness*; בְּרִמָּה *Carmel*, from בָּרַם *a fertile place* and אֵל *God*. Most other instances of a similar kind occur in proper names.

5. The Hebrew differs from the languages of the West in the mode of writing many of its particles, and the oblique cases of many of its personal pronouns. These instead of standing by themselves, are commonly united with the verbs, nouns, &c. to which they belong, or on which they depend, so as to form with them but one word. Thus from מֶלֶךְ for מֶלֶךְ *king*, by adding a pronoun we have מֶלֶכִּי *my king*, מֶלֶכְךָ *your king*; adding a preposition לְמֶלֶךְ *to a king*; with the article הַמֶּלֶךְ *the king*; with both article and preposition לְמֶלֶךְ for לְהַמֶּלֶךְ (§ 29. 4.) *to the king*; and with the conjunction וְלְמֶלֶךְ *and to the king*.

CHAPTER II.

§ 29. THE ARTICLE.

1. The Hebrew has but one article, viz. ה, and even this might perhaps be more properly termed a *demonstrative particle*, as it is only in conformity to the grammatical usages of European tongues that it is treated apart from that class of words. Though at present found in the form of ה, yet it is supposed by Gesenius and others with much plausibility that the original word was הָל (from which is derived the Arabic هَل), and that the ה has become uniformly assimilated before the word to which it belongs, the omission being compensated as usual by Dagesh forte, or by some equivalent, as הַשֶּׁמֶשׁ *the sun* for הָשֶׁמֶשׁ; הַמָּטָר *the rain* for הָמָטָר.

It cannot perhaps be affirmed that any clear examples of the full form הָל occur at present in the Hebrew Bible, but the following have been specified as affording some probable traces of it, viz. אֵלְכֵיךָ *hail*, Ezek. 12: 11, 13. 38. 22; אֵלְכֵיךָ *a rising up*, Prov. 30. 31; אֵלְמִיךָ 1 Kings 10. 11, 12, or אֵלְמִיךָ *almug trees*, 2 Chron. 2. 7, and in the proper names אֵלְמִיךָ *Almodad*, Gen. 10. 26, אֵלְטִיךָ *Ellolad*, Josh. 15. 30, with which comp. תֹּלַד *Tolad*, 1 Chron. 4. 29. It would seem that the article in its original form (הָל, Arab. اَل) was somewhat closely related to the pronoun אֵל, אֵלָה (§ 30. II.), more remotely with the Latin *ille*, Ital. *il*. It appears in full only in הָלָה for הֵלָה (§ 30. II.), where the reduplication of the ה, as in אֵלָה, plainly shows itself.

2. *Pointing.* As the original הָל of הָל is universally lost by assimilation (§ 22. 4.), the appropriate pointing of the Article is Pattah subscript with a Dagesh compensative in the next letter (הֵ), as הֵנָהר *the river*, הֵתוֹרָה *the law*. The main exception to this is when the next letter happens to be a Guttural, in which case the Dagesh of course (§ 25. 8.) is dispensed with, and either Kamets or Segol assumed under the ה, as הָאָדָם *the man*, הָעֵין *the eye*, הָרֹאשׁ *the head*, הָהָרִים *the mountains*, הָעֶנָן *the cloud* (§ 25. 9).

3. The primitive Pattah however not unfrequently remains without change, though not followed by Dagesh, as הָדָרִישׁ *the month*, הָחֵרֶל *the strength*, הָעֵרֶס *the ravenous beast*. Occasionally the Dagesh is omitted when analogically due, particularly before הֵ and הָ, as הָרֹאשׁ *the river*, הָרִירֵעָה *the curtain*, הָמִכְסָה *the cover*. For the principle of this see § 9. 7.

4. When preceded by either of the prepositions בְּ, לְ, מִן, the Article usually falls away, but leaves its appropriate vowel under the preposition thus taking its place, as בְּהֵשָׁמַיִם *in the heavens* for בְּהֵשָׁמַיִם, לְעָם *for the people* for לְהָעָם, מִן הָהָרִים *on the mountains* for מִן הָהָרִים. The few instances in which ה remains in this situation are principally with לְ, as לְהָיִים instead of לְהָיִים, which also occurs.

5. For the most part the Article has no effect upon the forms of the words to which it is attached, but in the case of some few monosyllables, as עָם *people*, פָּר *bullock*, עֶר *enemy*, רַע *evil*, רַב *much*, the Article prefixed causes the short vowel (Pattah) to be exchanged for its corresponding long (Kamets), as הָעָם, הָפָר, הָעֶר, &c. So also הָאָרֶץ with the Article is almost invariably written הָאָרֶץ.

6. *Use.* Without anticipating here what properly belongs to the department of Syntax, it may be remarked, that the office of the Article is twofold, (1) To mark the subject as already known either

from the context or from general consent, as **הָאוֹר** *the light*, Gen. 1. 4; **הַשָּׁמַיִם** *the heavens*, Gen. 1. 1; **הַעֲלָמָה** *the virgin*, Is. 7. 14. (2) For the purpose of impressing upon the mind of the hearer or reader *the peculiar property, nature, or character* of the subject to which it refers, as **הָאֱלֹהִים** *the real or true God*; **הַדִּיב** *a very bear*. (3) It often also performs the office of the *demonstrative pronoun*, as **הַשָּׁנָה** *this year*, **הַיּוֹם** *this day*; and occasionally that of the *relative*, particularly with the later writers, as **הַחֲבֵרָה** *which goeth*, **הַנִּמְצָאִים** *which are found*.

PRAXIS ON THE ARTICLE.

Let the student write and point, according to the above rules, the following words, of which the corresponding originals are to be found in the note below. N. B. The leading prepositions in Hebrew are **בְּ** *in*, **כִּי** *as*, **לְ** *to*. These are prefixed to the words to which they belong.

The way¹. The people². The father³. The day⁴. The earth⁵. The mouth⁶. To the king⁷. As a friend⁸. In the mountain⁹. In the land¹⁰. In the heavens¹¹. As the garments¹². To the upright¹³. To the sun¹⁴. As the oil¹⁵. In the night¹⁶. To the light¹⁷.

CHAPTER III.

§ 30. THE PRONOUN.

1. Pronouns in Hebrew, as in most other languages, are treated under the several heads of Personal, Demonstrative, Relative, and Interrogative. What are sometimes termed *Possessive* pronouns do not occur in this language as separate words. The relation of possession is indicated by certain pronominal appendages affixed to the termination of nouns, of which an account will be given in the subsequent sections.

I. Personal Pronouns.

1. The Personal Pronoun, as indeed the Pronoun generally, belongs to that simplest and most elementary part of the language denominated *the Particles*, and ought in strict propriety to be treated under that head. But inasmuch as the flexion of verbs and nouns

1) דֶּרֶךְ. 2) עַם. 3) אָב. 4) יוֹם. 5) אֶרֶץ. 6) פֶּה. 7) מֶלֶךְ. 8) רֵעַ.
9) הָרִים. 10) אֶרֶץ. 11) שָׁמַיִם. 12) כְּבוֹשׁ. 13) צַדִּיק. 14) שֶׁמֶשׁ.
15) שֶׁן. 16) לַיְלָה. 17) אוֹר.

involves the use of these words in the form of *Suffixes*, it is all but a matter of absolute necessity to bring them under consideration here.

2. The form of the Hebrew Personal Pronoun is in fact twofold; the one *Separable*, the other *Inseparable*. The first is used whenever the pronoun of either of the persons stands as the nominative to a verb, or as the *nominative absolute*, and are as follows:—

SING.		PLUR.	
1	Com. אֲנִי, אַנְכִּי <i>I</i>	1	Com. אֲנֵנוּ, אַנְחֵנוּ, אֲנֵכֶם, אַנְחֵכֶם <i>we</i>
2	Mas. אַתָּה, אַתָּה <i>thou</i>	2	Mas. אַתָּם, אַתָּם <i>ye</i>
	Fem. אַתָּה, אַתָּה <i>thou</i>		Fem. אַתָּה, אַתָּה <i>ye</i>
3	Mas. הוּא, הוּא <i>he</i>	3	Mas. הֵם, הֵם <i>they</i>
	Fem. הִיא, הִיא <i>she</i>		Fem. הֵן, הֵן <i>they</i>

REMARKS.

(a) *The First Person.* The form אֲנִי (in pause אַנְכִּי, § 22. f.) is more primitive than אַנְכִּי (in p. אַנְכִּי), though the latter is more frequently used in the later books, while the former occurs oftener in the Pentateuch. The plur. אֲנֵנוּ is plainly formed from אַנְכִּי by exchanging כ for ה, and נָה may be taken as the sign of the plural, as appears from the verbal terminations, while אַנְכִּי, which occurs only Jer. 42. 16, (Keri, אַנְכֵנִי) comes from אַנְכִּי. The abbreviated נָה is met with but in six instances, Gen. 42. 11; Ex. 16. 7, 8; Num. 32. 32; 2 Sam. 17. 12; Lam. 3. 42.

(b) *The Second Person.* Instead of Dagesh forte in אַתָּה, אַתָּה, אַתָּה, the cognate dialects have *n* before *t*, as Chal. אַנְתָּה *ant*, Arab. *anta*. The original form therefore was undoubtedly אַנְתָּה, אַנְתָּה, אַנְתָּה, &c. In the contraction (אַתָּה) it is easy to perceive that *ta* is the most essential part (ת = *th* (*d*), *t* being the principal element), from which have originated the European *tu* (*sv*), *tu*, *du*, *thou*, in all which *t* is the radical consonant. In only five places do we meet with אַתָּה without the ה, viz. 1 Sam. 24. 19; Ps. 6. 4. The feminine form אַתָּה was no doubt originally אַתָּה, but is always shortened to אַתָּה (in p. אַתָּה), and is also written אַתָּה. But whether the Dagesh in this case be considered as Dagesh forte or lene is immaterial, as it may be the former viewed as a compensation of assimilated נ (אַתָּה), or the latter by the foreë of § 12. 9. a. This final Yod shows itself in the rare suffix-forms אַתָּה, אַתָּה. The plural forms אַתָּם and אַתָּה are probably contractions from the original אַתָּהם (Arab. *antum*, Chal. אַתָּהם) and אַתָּהן. But one instance of אַתָּה occurs, Ezek. 34. 31, and but four of אַתָּה, Gen. 31. 6; Ezek. 13. 11, 20; 34. 17.—On the ה, see below.—Besides the forms of the second person with ה, we find another kindred form with כ (אַתָּה), אַתָּה; derived according to analogy from אַנְכִּי, and to which we trace the origin of the suffixes אַתָּה, אַתָּה, אַתָּה. This form is employed to distinguish the

suffixes from the personal affirmatives of the verb, as *הַתַּלְתָּ* *he has killed you* (where *כָּם* is the accusative), *הַתַּלְתֶּם* *ye have killed* (where *תֶּם* is the nominative.) The suffixes *ךָ*, *כֶּם*, *כֻּם*, are the only ones which have no union-vowel (§ 30. I. 4.), and from the fact that the *כ* has no Dagesh lene, as analogy requires (§ 12. 7.), it is plainly to be inferred that the preceding Sheva is in some measure vocal, or in other words belongs to the class termed *floating* (§ 9. 6.), as *קְטַלְתֶּם* *q'tal'kem*, not *קְטַלְתֶּם* *q'talkem*. See § 27. 12. *b*.

(c) *The Third Person.* The constant orthography of *הוּא* and *הִיא* with *א* is proof of an ancient strong pronunciation like *hu^a*, *hi^a*, of which a plain vestige is found in the Arab. *hawā*. The form *הוּא* occurs in the Pentateuch in the common gender, but whenever used for the fem. the Masorites have pointed it *הִיא*, but with the design of its being pronounced by the public reader *הִיא* *hī* (not *hir*). The plural of *הוּא*, according to ancient traces, was *הוּמָהוּ*, which was first shortened to *הוּמָה*, and this latter then further curtailed to *הֵם*. In the formation of suffixes from *הוּא* the *א* falls away, whence we have remaining *הוּ*, and with the union-vowel (§ 30. I. 4.) *הוּהוּ*, *הוּהִי*. From *הוּהוּ* arises, by the expulsion of the weak *h*, *â-u* (*הוּ*), and thence *ō* (§ 7. 2.), usually written *י*, but occasionally *יָ*, as Gen. 49. 41; Num. 23. 8; Ps. 10. 9. The suffixes from *הוּא* should be by analogy *הוּהוּ*, *הוּהִי*, but for the sake of euphony *הוּ* is changed into *הִי*. The Kamets under *ה* is derived from *א* in *הוּא*, whence in Chal. and Arab. is written *הוּא*. The Mappiq occasionally falls out from *הוּ*, when it becomes quiescent, as in *בְּהוּמָהוּ* Num. 15. 28, and is exchanged with *א*, as *כָּלֵא* *all of it*, Ezek. 36. 5. In the forms *הוּמָהוּ*, *הוּמָה*, as well as *הוּמָהוּ*, the *ה* is paragogic. As to meaning, the pronouns of the third person *הוּא*, *הִיא*, *הֵם*, *הֵנָּה* are rather *demonstrative* than *personal*, equivalent to our *this*, *that*, *these*, *those*, &c., taking for the most part the Article, as *בְּיוֹם הַהוּא* *on that day*; *הָאָרֶץ הַזֹּאת* *this land*; *בְּיָמֵי הָהֵם* *in those days*.

3. The *Inseparable Personal Pronouns* are nothing more than fragments of the separable, which are appended to other parts of speech, whether verbs, nouns, adverbs, or prepositions, composing the class of *Suffixes*, *Prefixes*, &c., which in the Shemitic languages enter very largely into the constituent elements of words. When attached to verbs they represent either the nominative, or the objective or governed case of the pronoun, and often both together, as *הַתַּלְתָּנִי* *thou hast killed me*, *הַתַּלְתִּיךָ* *I have killed thee*; and when appended to nouns they supply the place of distinct *possessive* pronouns, there being no other way of expressing the possessive pronominal sense in Hebrew. Thus *יָד* *hand*, *יָדִי* *my hand*, *יָדְךָ* *thy hand*, *יָדוֹ* *his hand*, *יָדְכֶם* *your hand*, &c. In like manner these inseparable pronouns are united with the prepositions *בְּ*, *כִּי*, *לְ*, &c., and thus made to express

relations which are equivalent to cases in other languages, as *אֲנִי* in *me*, *בּוֹ* in *him*, *לִי* to *me*, *לָנוּ* to *us*, &c.

4. The mode of appending these suffix pronouns is twofold. In case the word already ends in a vowel no intermediate vowel is employed in annexing them to the principal word, as *קָטַלְתִּי*, *קָטַלְתָּ*; *קָטַלְתִּיךָ*; but when the word ends in a consonant, the suffixes are appended by means of a connecting vowel, called the *union-vowel*, which not only serves to make the junction closer between the suffix and the suffixed word, but also to furnish a simple syllable on which the tone can rest, as *קָטַלְתִּיךָ*, *קָטַלְתְּךָ*. This *union-vowel* is either Kamets, Pattah, Segol, or Tseri. A tabular view of these suffixes as attached both to verbs and nouns, together with a full account of the literal and vowel changes effected by them, will be given under the appropriate heads in a subsequent part of the grammar.

II. Demonstrative Pronouns.

Of these the Hebrew has only the following:—

SING.

Masc.	זֶה*, (הַזֶּה, הַזֵּה), <i>this</i> .
Fem.	זֹאת, (הַזֹּאת, הַזֵּאת), <i>this</i> .
Com.	זֶה, (הַזֶּה, הַזֵּה), <i>this</i> .

PLUR.

Com.	אֵלֶּה, (הָאֵלֶּה, הָאֵלֶּה), <i>these</i> .
------	--

REMARKS.

(a) Several of the above forms, which it will be observed result from the prefixing of the article, are of very rare occurrence; the most common are those which stand first in order, except the plur. *אֵלֶּה*, which is met with more frequently than the simpler *אֵלֶּה*. The article is prefixed for the sake of emphasis, and the insertion of the liquid *ה* (*הַזֶּה*) goes to confirm the theory above stated (§ 29. 1.) relative to the origin of this part of speech. Once we find the fem. form *הַזֹּאת* Ezek. 36. 35, and occasionally the still further contracted *הַזֵּאת*, for the most part masc., as in Judg. 6. 20; 1 Sam. 14. 1; 17. 26, but fem. 2 Kings 4. 25.

* The primary element of this pronoun is undoubtedly *ז*, which, however, as intimated § 24. *a*, is probably the result of an early change of the mute *י* into the sibilant *ז*. This is confirmed by the analogy of most languages in which the demonstrative begins with *d* or its equivalent *th*, *t* (*s*), as Syr. *דֵּה*, *דֵּה*, *this*; Arab. *dsu*, *dsi*, *dsa*; Sanscr. *sas*, *sa*, *tad*; Goth. *sa*, *so*, *that*; Germ. *du*, *der*, *die*; Eng. *this*, *that*, &c.

(b) As far as a distinction is to be marked in the use of *זה* (הַזֶּה) and *הַזֶּה*, the former is employed where the attention is to be directed to something near at hand or very important, requiring a vividly demonstrative term, as *זֶה הַיָּם הַגָּדוֹל* *this (is) that great sea*, Ps. 104. 25; *זֶה סִינַי* *even that Sinai*, Judg. 5. 5; *זֶה לֶחֶמֶנוּ* *this our bread*, Josh. 9. 12. But if the reference be to a more distant object, *לֵזֶה* with the article prefixed (*הַלְזֶה*) is employed, which is equivalent to the Lat. *ille*, Gr. *εκεῖνος*. This long word, however, which is without distinction of gender, and without a corresponding plural, is not common; more usually the lighter *הַזֶּה*, pl. *הֵּזֶם*, according to § 30. I. 2. c, is put in apposition with a preceding substantive by way of referring to a remoter object. Thus while we have *בְּיָמֵינוּ הַזֵּם* *in these days*, we find *בְּיָמֵינוּ הֵּזֶם* *in those days*. But neither these nor other demonstratives are ever used correlatively, as *this—that* in English.

(c) The demonstrative *זֶה* is often used without distinction of gender or number, as a mere adverb in statements of time, where its effect is to refer the period more definitely to the present, or to give it a more marked speciality, as *זֶה עַתָּה* *at this very time*; *זֶה שִׁבְעִים שָׁנָה* *this or these seventy years*; *זֶה רַבִּים רַבִּים* *these many days*. Thus also in *הִנֵּה-זֶה* *en ecce! see there!*

(d) The fem. form *זֹאת* is contracted from *זֹאת* from *זֹה=זֶה*, *זֶה*, a form originally masculine, just as *זֶה* yet remains of the common gender. See *זֶה* Hos. 7. 16, *זֶה* Eccl. 2. 2, 24. Occasionally both *זֶה* and *זֶה* are employed as neuters, as in Judg. 18. 4.

(e) An originally demonstrative pronoun, but one which has at present lost its character as such, is *אֵת*, *אֵת*, with suff. *אֵתִי*; *אֵתְךָ*; *אֵתוֹ*; *אֵתָהּ*; *אֵתָם*; *אֵתָנָה*; *אֵתָכֶם*; *אֵתָם*; *אֵתָן* (seldom *אֵתָהּ*). In its radical import it seems to correspond very nearly with the Gr. *αὐτός*, but it hardly ever occurs in this its stronger and more native sense. See Ezek. 47. 20, where *אֵת* stands for *זֶה*, *זֹאת*. In common use its significance is so weak that it is employed only in connection with a noun or pronoun, as *אֵת-הַדָּבָר הַזֶּה* *this very thing*. See Gesen. Lex. in *אֵת*.

III. Relative Pronouns.

We have remarked above (§ 29. 6.) that the Article *הַ* occasionally supplies the place of a Relative Pronoun, as *הַסֵּבֵב* *which compasseth*, *הַרֵמֵשׁ* *that which creeps*; but the distinguishing word of this class in Hebrew is *אֲשֶׁר* *who, which*, used in both genders and numbers. It frequently occurs, especially in elliptical phrases, where the antecedent is omitted, in conjunction with the prefixes *ב*, *ב*, *ל*, *מ*, as *בְּאֲשֶׁר* *in which*, *כְּאֲשֶׁר* *according to which*, *לְאֲשֶׁר* *to whom*. It is not unfrequently met with in the abbreviated form of *שֶׁ*, *שֶׁ*, *שֶׁ*, *שֶׁ*, the *א* falling away and the *ר* being resolved into the following consonant, while only its firmest element (*ש*) is retained, as *אֲשֶׁר לֹא נִתְּנָה שֶׁלֹּא נִתְּנָה*.

who has not given us. (up), Ps. 124. 6 ; אֲשֶׁר קָרִינוּ for שֶׁקָרִינוּ *which we waited for*, Lam. 2. 6 ; אֲשֶׁר קָמָתִי for שֶׁקָמָתִי *till that I arose*, Judg. 5. 7.

Perhaps the Particle כִּי (Lat. *qui*, Pers. *ki*) is properly to be ranked among the original relative pronouns in Hebrew, but in ordinary usage it is employed as a particle signifying *that, so that, because, &c.*, a sense in which אֲשֶׁר also as equivalent to the Gr. ὅς, is often used, as Est. 3. 4, 'For he told him אֲשֶׁר יְהוּדִי *that he was a Jew.*' The office of the Relative is also frequently performed by the Demonstratives זֶה, זוֹ, and הוּא, the proper Relative אֲשֶׁר being understood, as עַם זֶה קָנִיתָ *the people which thou hast purchased*, for אֲשֶׁר קָנִיתָ.

IV. Interrogative Pronouns.

1. The Interrogative Pronouns are two, viz. מִי *who* ? applied to persons, and מַה (מָה and מֶה) *what* ? applied to things ; as מִי אַתָּה *who art thou* ? מַה אֶמַּר *what shall I say* ? Not unfrequently, however, מָה, מֶה, or מִי, and sometimes also מִי, are used rather as interrogative or interjectional particles than as strict pronouns, as מֶה טוֹב *how good* ! מֶה נּוֹרָא *how awful* ! מָה אֲדִיר שְׁמֶךָ *how excellent (is) thy name* ! Both these pronouns occur, moreover, occasionally in an *indefinite* sense where no question is asked, equivalent to the Lat. *quis, quæ, quid* ; Eng. *who, what* ; as לֹא יָדְעֵנּוּ מִי־שָׁם *we know not who put our money in our sacks*, Gen. 43. 22 ; לְעֵשֶׂה מַה־יִּרְעָשָׁה לוֹ *to wit what would be done to him*, Ex. 2. 4.

2. As to the punctuation, although the Interrogative מַה is most frequently characterized by Kamets, particularly before א and ר unaccompanied by (,) yet in certain circumstances we find Pattah or Segol more usual. (a) When connected by Makkeph to a word beginning with ה or ו Pattah is sometimes employed, as מַה־הוּא *what it is*, Ps. 39. 5 ; מַה־הַמַּעַל *what prevarication* ! Josh. 22. 16 ; occasionally also without Makkeph, as מַה הַטָּאָתִי *what is my sin* ? Gen. 31. 36. (b) When followed by a Guttural with Kamets, and sometimes by ה or ו without it, Segol usually occurs, doubtless for the sake of euphony, i. e. to prevent the confounding of similar sounds, as מַה הָיָה לוֹ *what has happened to him* ? Ex. 32. 1 ; מַה עֲוֹנִי *what (is) my crime* ? 1 Sam. 20. 1 ; מַה אֲנִי *who am I* ? Ex. 3. 11. And so occasionally where a Guttural does not follow, as מַה כְּבוֹדִי Ps. 4. 3 ; מַה בְּשָׁפָם Job 7. 21 ; מַה 2 Kings 1. 7. (c) For the most part, however, when followed by a non-guttural, מַה takes Pattah,

and the final weak ה not being regarded in the pronunciation (§ 26. 2.), the initial letter of the following word takes Dagesh (§ 12. 6.), as מִדְּוָדָה Gen. 12. 18; מִדְּהָרָה Gen. 21. 17; מִדְּשׁוּבָה Ps. 133. 1. In many instances of this nature the מה, rejecting the ה, is assimilated with the ensuing word (§ 12. 6.), as מִדְּוָדָה for מִדְּוָדָה Ex. 4. 2; מִדְּלָהָם for מִדְּלָהָם Is. 3. 15; מִדְּלָהָה for מִדְּלָהָה.

- (d) In receiving the prepositions בְּ, לְ, לְ, it takes either Kamets or Segol, as בְּמֶה Ex. 22. 26; לְמֶה Gen. 47. 8; לְמֶה Zech. 7. 3; לְמֶה Ps. 49. 6; and לְמֶה 1 Sam. 1. 8.

CHAPTER IV.

§ 31. THE VERB.

1. In all languages the Verb (פֶּעַל *action*) is, from its very nature, and according to its designation (Lat. *Verbum, the word*), the most important part of speech; but in Hebrew it acquires an additional title to this character, not only from the fact that it constitutes the parent source from which many nouns and particles are derived, but also from the fact that it exercises a controlling influence over the forms of other classes of words not so derived, which are still treated as if originating in verbal roots (§ 28. 1, 2). We have indeed remarked above (§ 28. 1.), that in the theory of forms, or in a philosophical view of the *genesis* of the language, both the verb and the noun are to be traced to a common abstract root, which may be nominally or verbally developed by means of certain vowels and the peculiar position of the tone. But although this may hold good as a general principle, yet there are doubtless many cases where the verb is really primitive, and the noun derived directly from it, as מִפְתִּיחַ *a key*, from פָּתַח *to open*; מִבְּרֶחַשׁ *a mortar*, from בָּרַחַשׁ *to pound, to bruise*. In other cases it is equally clear that the reverse of this process takes place. Thus, as the existence of seed is necessarily prior to the act of sowing it, and the existence of a tent to the act of pitching it, we cannot doubt that the verbs זָרַע *to sow*, and אָהַל *to pitch a tent*, are derived from זָרַע *seed*, and אָהַל *a tent*. But this latter class of cases is comparatively rare, and of the two the verb is by far the most frequently to be regarded as the *primitive*. A few instances of a very peculiar nature occur, in which a kind of reflex derivation is to be recognized. Thus, לָבָן *to be white*, whence לְבָנָה *brick* (made of white clay), and thence again לָבַן *to make brick*;

רָבָה *to increase, to multiply*, whence רֵב *a fish*, (from their rapid multiplication), and thence again רִבּ *to fish*.

2. The simple primitive letters of any root become distinguished as a verb, by assuming a certain set of vowels, of which the principal one is pronounced *after* the second radical. This, as might be expected in giving the simplest signification of the verb, is the simplest or most spontaneous of the vowels, viz. *a*. Thus in קָטַל the Pattah is really the primary and most important vowel, the genuine form being קָטַל, and the Kamets under the first letter merely a fore-tone, created, according to § 21. 3, by the action of the tone falling upon the last syllable. This will be more evident if the word be pronounced, as it ought to be, with a decided accent on that syllable, *Qatál*, which is little more than *Q tál*. This dominant vowel, however, may be changed, as it often is, according to the active or passive modification of the idea (§ 31. 3). In the simplest form of the noun, on the other hand, the tone is drawn back to the beginning, as קָטַל *qetél*, where the last vowel is equally adventitious with the Kamets in the instance above (§ 8. 7.). The former pronunciation, which lays the stress upon the final syllable, is supposed to be better adapted to the energetic idea of action or motion peculiar to the verb, while the latter, which reverses the emphasis, is more suited to express the intransitive state of rest which constitutes the nominal idea. This is somewhat confirmed by a similar usage obtaining in our own language, as *contract, cóntract*; *recórd, récord*; *subyéct, súbject*, &c.

3. It is usual to speak of the radical consonants of any verb, together with certain vowels, as the *ground-form*, and this may be either the third person singular of the preterite (קָטַל), or the infinitive construct (קָטַל), which differ only in their vowels. The last is more particularly entitled to this designation, from its containing the simple abstract idea of the root, and from the future's being formed from it in the manner described § 34. 2. The original letters constituting the *root* or *stem* of a verb, are termed *radicals*, while those which are added for purposes of inflection are termed *serviles*—a distinction which has been already explained, § 4. *f*. To distinguish the radicals from each other it is common to designate them, according to the order of reading, as 1st, 2d, and 3d radical. Thus in שָׁבַר *to break*, שׁ is the first radical, ב the second, and ר the third.

4. When the simple idea of a verbal root is conceived of under new modifications, as of action or passion, augmentation or diminution, &c., new forms naturally arise suited to these several variations of the sense. They originate in one or the other of the three following ways; (1) By the repetition or reduplication of one or more of the radical sounds giving rise to what are termed *intensive forms*, as קָטַל (= קָטַטַל) *to kill with violence, to murder*, from קָטַל *to kill*; שָׁבַר *to dash in pieces, to shiver*, from שָׁבַר *to break*, where the method is by reduplication; and שָׁאַן *to be at rest*, רָעַן *to grow green*, הוֹלֵל *to bring forth*, where the method is that of repetition of the last radical. Very rarely, and with great emphasis, are the two last sounds repeated, as קָהַרְהַר *to go round and round*, spoken of the *beating* of the heart, Ps. 38. 11. (2) By an external accession or affix superadding a new and modifying sense to the original idea. Thus נ gives a *passive*, ח a *causative*, and ה a *reciprocal* or *reflexive* signification to the root. (3) By internal changes of the vowels within the compass of the trilateral roots, as קָטַל , קָטַל , קָטַל , קָטַל , &c.; in respect to all which classes of forms full details will be given in their proper place.

5. The relation, however, of the various formations to their several roots, very much depends upon the *nature of the radical sounds*. For the formation is most regular, and in general most perfect, in roots consisting of three firm permanent consonants, which are most capable of all internal and external changes by way of flexion, as קָטַל , דָּבַר , מָלַךְ . But although the regular formation is mainly adapted to these as the normal roots, yet there is a very large number of roots which are lacking more or less in their full complement of firm sounds, and the formation of which is subject to special laws founded upon their peculiarities as being weaker than others and more prone to quiesce. These are,

(a) Roots which embrace, as to their *power*, three firm sounds, but which in many cases actually exhibit but two, as מַד *mad*, פַּל *pal*. But as the formation according to analogy requires the developement of three sounds, the flexion proceeds on a reduplication of the second radical, so that the living root is *madd*, *pall*. These roots are indeed in many points inflected according to the regular forms, but as the repetition of the same sounds in immediate succession has something disagreeable in it, there is a tendency to merge the separate sound of the two last radicals in one whenever it is possible. Hence

the primitive vowel which would stand between the second and third radical, is thrown back to the first in case it has no firm vowel of its own, as סב for סַבב, רב for רַבב, where the *a* (.) is merely the foretone and therefore easily disappears (§ 21. 3.) ; and that too even when two consonants go before, as רסב for רַסבב, מַסב for מַסבב. Under this class are ranked the verbs called *Double Ayin* (ע"ע).

(b) Roots in which a medial long vowel, e. g. *u* (ו), supplies the place of the second radical, as קום *qum*, כון *kun*. Here the original form is doubtless to be considered as having been כון, כון, but the ו has been softened to its appropriate vowel sound by the operation of the laws stated § 26. 3, *a*, *b*. These form the *Ayin Vav* (ו"ע) class of verbs.

(c) Roots which have their first or last radical or both a quiescent ; in all which cases certain peculiarities of formation occur which are to be explained by referring to the nature and power of these letters as detailed in § 26. 1-7.

6. The above three classes of verbs, in which one or more of the primitive letters is dropped or assimilated in the course of flexion, it has been usual for grammarians to denominate *irregular*, in contradistinction to those whose original radicals are retained through all changes, and which are thence termed *regular*. But as all their anomalies are resolvable into the characteristic properties of the weak quiescent letters, and are the necessary result of the affections to which they are subject in certain positions, the term *irregular* is not to be understood as implying those *arbitrary abnormal modes of inflection* which are of such frequent occurrence in most European languages whether ancient or modern. For this reason some philologists have preferred to arrange the Hebrew verbs under the two heads of *perfect* and *imperfect*, a distinction based upon a corresponding division of the letters also into *perfect* and *imperfect*. But if the *principle* of the variations from the common form be understood, the particular appellation is of little consequence, and we have accordingly seen fit to adhere to that which is most familiar to grammatical usage.

§ 32. INFLECTION.

1. In strict propriety of speech the Hebrew verbs have no conjugation, at least in the sense in which that term is employed in reference to the Greek, Latin, and other languages, although in default of a better the word is still retained by grammarians to denote

the different forms which the same verb assumes to express different shades of meaning. These conjugations or forms (Heb. בְּנִינִים *buildings*) are seven in number, technically termed *Kal*, *Niphal*, *Piel*, *Pual*, *Hiphil*, *Hophal*, *Hithpael*. Four of these, viz. *Kal*, *Piel*, *Hiphil*, and *Hithpael*, have an active signification, while the remaining three are for the most part passive.

2. The names of these conjugations, with the exception of the first, are derived from the various forms of the Hebrew verb פָּעַל *to do, to act*, which was employed by the earlier Jewish grammarians as a paradigm or model-verb to illustrate the conjugations, and are merely the modes of pronouncing those forms. Thus :

- | | |
|---------------------------|-------------------------------|
| 1. פָּעַל—Pa-āl, | he acted. |
| 2. נִפְעַל—Niph-āl, | he was acted upon. |
| 3. פִּיעַל—Pi-ēl, | he acted vigorously. |
| 4. פֻּעַל—Pū-āl, | he was vigorously acted upon. |
| 5. הִפְעִיל—Hiph-il, | he caused to act. |
| 6. הֻפְעַל—Hōph-āl, | he was caused to act. |
| 7. הִתְפַּעֵל—Hith-pā-ēl, | he acted upon himself. |

Under the impression probably that the essence of the verb consisted in *action*, the true import of פָּעַל, these various forms were adopted as technical terms to indicate the principal branches or conjugations of the verb in general. But as the second radical (פ) is a Guttural, which rejects Dagesh due as a characteristic of several of the conjugations, thus destroying the regular analogy of the form, it was afterwards very properly laid aside as a paradigm, and פָּקַד adopted by most of the earlier Christian grammarians in its place. But to this again it was an objection that פ was one of the Aspirates, and, from occasionally requiring a Dagesh lene, did not exhibit the verb in its *simplest* form. The same remark applies to פָּקַח, which is found in the grammar of Ewald and some others. Perhaps no more unexceptionable word can be adopted for this purpose than either מָשַׁל *to reign*, or הָשַׁח *to kill*, of which the latter is employed by Gesenius and Stuart, and also in the present work.

Instead of *Pa-āl* for the first, which analogy would require, *Kal* (קָל) is uniformly employed, which signifies *light*, intimating that in this form the verb appears in its simplest state, *unincumbered* with the prefixes, &c., which distinguish the other forms. The term was adopted in contradistinction to *grave* or *heavy* (כָּבֵד), as the old Jewish grammarians denominated the derived forms.

3. For purposes of convenience, particularly in distinguishing the different classes of irregular verbs, it is usual to apply the radical letters of the verb *פָּעַל* *to act* separately as a technical designation of the several letters of any trilateral root whatever. E. g. as Pe (פ) is the first letter of this root, Ayin (ע) the second, and Lamed (ל) the third, the word *נָחַח* *to rest* may be characterized as a verb of Pe Nun (נ'פ) because its first radical is נ, or of Ayin Vav (ו"ע) because its second is ו, or of Lamed Heth (ח"ל) or Lamed Guttural because the third is ח, which is also a Guttural. It seldom becomes necessary, however, for reasons which will hereafter appear, to characterize more than one of the radical letters of the same root in this manner.

4. *Classes.* Of the classes of verbs thus distinguished the following are the principal :—

(a) Those that have the first radical a Guttural, and are consequently denominated Pe Guttural ; as

אָמַר <i>to speak</i>	}	designated as verbs פ Guttural.
הָלַךְ <i>to go</i>		
חָמַד <i>to desire</i>		
עָמַד <i>to stand</i>		

In like manner when the second or third radical is a Guttural, the corresponding title is Ayin Guttural or Lamed Guttural.

(b) Those whose first radical is Yod (י) ; as

יָשַׁב <i>to sit</i>	}	designated as verbs י"פ.
יָלַד <i>to beget</i>		
יָדַע <i>to know</i>		

(c) Those whose first radical is Nun (נ) as

נָגַשׁ <i>to strike</i>	}	designated as verbs נ"פ.
נָתַן <i>to give</i>		
נָסַח <i>to distil</i>		

(d) Those whose second and third radicals are alike ; as

סָבַב <i>to surround</i>	}	designated as verbs ע"ע (Double Ayin).
תָּמַם <i>to be perfect</i>		

(e) Those whose second radical is Vav (ו) ; as

נָוַר <i>to shine</i>	}	designated as verbs ע"ו.
שָׁוַב <i>to return</i>		
קָוַם <i>to arise</i>		

(f') Those whose third radical is Aleph (א) ; as

מָצָא	to find	} designated as verbs א"א.
קָרָא	to call	
מָלָא	to fill	

(g) Those whose third radical is He (ה) ; as

חָנָה	to possess	} designated as verbs ה"ה.
גָּלָה	to reveal	
כָּלָה	to finish	

5. By having thus a standard, or common measure, with which to compare words, we may easily ascertain their general meaning. Thus by knowing that קָטַל is the form of the 3d pers. masc. pret. of all active transitive verbs, קוֹטֵל of the active participle, and קָטוּל of the passive, we may be certain that פָּקַד, לָמַד, שָׁבַר of the same form are also of the 3d pers. sing. masc. pret. ; that לוֹמַד, פוֹקֵד, are participles active ; and שָׁבַר, פָּקִיד, לָמֵד participles passive. So also by knowing that the form קָטַל generally pertains to intransitive verbs, we at once infer that זָכַר, יָבֵשׁ, &c., are intransitives ; and so of every other form of the verb.

6. In the same manner the forms of nouns may be ascertained by comparing them with a similar form derived from קָטַל or from any other word in its simplest state, which may be adopted as a common measure. For it will be at once perceived that קָטַל for instance, may represent any word of which the vowels are Kamets and Pattah. So upon any augmentation or alteration being made either in its vowels or consonants, or both, other forms will arise which may severally represent words of other classes, each having meanings, or shades of meanings, peculiar to themselves. In this respect such words are used, like the formulæ in Algebra, to designate whole classes of others having the same form. Thus all nouns consisting of three radicals having Kamets under the first and second, as דָּבַר, חָכַם, יָדָב, &c., are said to be of the form קָטַל. Those having Kamets for the first and Tseri for the second, as חָצַר, זָכַר, are of the form קָטַל. So מִשְׁפָּט is of the form מִקְטַל, and מִמְלָכָה of the form מִמְקַטַּל, &c.

7. *Unusual Conjugations.* In addition to the conjugations above mentioned, which are of most usual occurrence, we occasionally meet with other forms, marked with some peculiarity of signifi-

tion, which it is proper here to notice ; referring the full exhibition of them to the paradigm (§ 38. et seq.). Of these, the principal are the following :—

1.	פֹּעַל—Pō-ēl,	as	סֹבֵב
2.	פֹּעֵל—Pō-āl,	as	סֹבֵב
3.	פִּילֶּל—Pīl-pēl,	as	סֹבֵב
4.	פִּילֶּל—Pūl-pāl,	as	סֹבֵב
5.	הִיִּתְּפֶּלֶל—Hīth-pāl-lēl,	as	הִתְסֵב
6.	הִיִּתְּפֹּלֶל—Hīth-pō-lēl,	as	הִתְסֵב

No single verb is thus found, and probably never was, exhibiting *all* the various phases pertaining to the above mentioned conjugations, but as our object is simply to show the analogical forms of verbs, this is an unimportant circumstance. We shall not hesitate to give *specimens of forms* of which no actual instances any where occur.

§ 33. MODES.

1. It is ever to be borne in mind, that the grammatical structure of the Hebrew is essentially different from that of the European languages, whether ancient or modern, and consequently that we are not to be surprised to find many of the leading features of the latter entirely wanting in the former. This holds especially in regard to the department of *verbal flexion*. The nicely adjusted system of *modes* and *tenses* common to the grammars of the Latin and Greek, is in a great measure unknown to the simplicity of the primeval tongue, in which the subtler modifications of sense, and the accidents of mode and time, are rather to be gathered from the scope and connection of the sentence, than from the external forms of words. Every Hebrew verb has indeed the two grand distinctions of *past* and *future time* clearly marked ; and as to *modes*, we find appropriate forms for the *infinitive* and *imperative*, but the *indicative* is merged in the general *species* or *conjugation*, and the *subjunctive* is either expressed by a peculiar modification of the future tense, or left to be inferred from the drift of the context.

2. *The Infinitive*.—As in all other languages, so in Hebrew the primary office of the Infinitive is to express the bare idea of a verbal root without specification of time or person. In this character it approximates very closely to the noun, exhibiting in its original form only the radical letters of the root (קִטַּב), and being called, from its peculiar *nominal* properties, the *Infinitive construct*, since it is entirely dependent upon the structure of the proposition, and closely

interwoven with it, as *לִפְנֵי מֶלֶךְ-מֶלֶךְ before the reigning of a king*; *לַיּוֹם עֲשׂוֹת in the day of (God's) making the earth*; *לֹא טוֹב הָיִתָּה הָאָדָם not good is the man's being alone*. This is doubtless the primitive, as it is the most frequent form of the Infinitive, and it follows the analogy of nouns so closely as not only to assume the feminine form, as in *רִבְשָׁה, רִבְכָּה, שָׂנְאָה, קִטְלָה, קִטְלָה*, but also to appear with prepositions prefixed precisely in the manner of nouns, as *בְּדַבָּר in speaking*, *לְעֵבֶד for serving*, *מִבְּפֶה from expiating*.

3. Another form of the Infinitive (קְטוּל) is called the *Infinitive absolute*. This is never used in the state of close construction which characterises the other, but always in a more independent manner, with the full power and energy of the verb, of which it is only a more abrupt and emphatic expression, either standing alone, as *הֵלֵךְ to go!* or, as is very common, followed and explained by its own finite verb, as *הֵלֵךְ הָלַךְ going thou shalt go*; *מָוֶת תָּמוּת dying thou shalt die*. As a specimen of the distinctive usage of the two forms, *הָרַג בָּקָר* Is. 22. 13, signifies properly *to slay oxen*, whereas *הָרַג הַבָּקָר* would be rendered *the slaying of oxen*. For variations in the form of the Inf. const. see the Paradigms.

4. *The Imperative*.—This mode has for the most part the letters and vowels of the Inf. const., but it has a fem. and a plur. formation, as *קַטֵּל kill thou (masc.)*, *קַטְלִי kill thou (fem.)*, *קָטְלוּ kill ye, &c.* It is remarkable in regard to its use, that it is not employed except in *positive* precepts, prayers, and exhortations. In *negative* precepts, prohibitions, dehortations, &c., the future is always made use of, as *לֹא תִרְצַח thou shalt not kill*, instead of *לֹא רִצַּח kill thou not*.

§ 34. TENSES.

1. The Hebrew has but two distinct forms of tense, usually denominated the *Preterite*, or *Preter*, and the *Future*. But as the various distinctions of time cannot be denoted by simply the *past* and the *future*, it is obvious that these two tenses must have been used in Hebrew with far greater latitude of import than they are in Latin or Greek, or any of the European languages. But reserving for the Syntax a fuller exposition of the laws which govern the use of the tenses, we merely give at present the mode of formation in Kal, according to the analogy of which all the rest of the conjugations proceed. This is by adding to the ground-form of each certain pronominal appendages in order to designate number, person and gender.

THE PRETERITE.

1. The distinguishing peculiarity in the formation of the Preterite is, that the abbreviated pronouns employed are added at the *end* of the root, which may be considered as having in itself a participial import. Thus קָטַלְתָּ (קָטַלְתָּ) *thou killest* is equivalent to קָטַלְתָּה *thou art killing*, or *a killer*; יִרְאֶה (יִרְאֶה) *ye fear* to יִרְאֶה *ye are fearing*, &c. Indeed in Eccl. 4. 2. an instance occurs of the entire pronoun following a verb, אָנֹכִי שִׁבַּחְתָּ *I praised*.

Formation of Preterite.

SING.		ground-form
3 m.	קָטַל	
2 f.	ח . . . קָטַלְתָּ	fragment of הָיָה
2 m.	תָּ . . . קָטַלְתָּ	" of אָתָּה
2 f.	תָּ . . . קָטַלְתָּ	" of אַתָּה
1 c.	הִי . . . קָטַלְתָּ	(See remarks.)
PLUR.		
3 c.	ו . . . קָטַלְתֶּם	(See remarks.)
2 m.	תֶּם . . . קָטַלְתֶּם	fragment of אַתֶּם
2 f.	תֶּן . . . קָטַלְתֶּן	" of אַתֶּן
1 c.	נָה . . . קָטַלְתֶּנּוּ	" of אֲנִי

REMARKS.

1. The origin of the several appended pronouns is for the most part obvious on inspection. The only doubtful ones are the first person singular (הִי) and the third person plural (ו). As to the first, the theory of Gesenius is that it is derived from the obsolete form אָתָּה for אָתָּה=אֲנִי. Ewald, on the other hand, after remarking that the abbreviation of אֲנִי would properly give נִי, says that the weak נ was gradually lost, leaving only י, and that by way of compensation the ה was assumed from the many forms of the *second* person in which it occurs, giving us the regular termination תָּה, without the tone. This form serves also to distinguish the preformative or personal pronoun from the *objective* suffix, as otherwise it might have been doubtful whether קָטַלְתִּי meant *I have killed*, or *he killed me*. All ambiguity is now precluded by the use of קָטַלְתָּ for the former. Some traces, however, are still to be discerned of the purely analogical form, as אָמַרְתִּי Job 9. 27, for אָמַרְתָּ. But in 1 Kings 8. 48, Job 42. 2, Ps. 140. 13, Ezek. 16. 59, the י is omitted in the Ketib, though supplied in the Qeri. In like manner אָמַרְתָּ Ps. 16. 2, ought perhaps to be pointed אָמַרְתָּ. In explanation of the

plural termination ך, it may be remarked that the primitive form of this person is in all probability הוּם, of which some examples still remain, as יִשְׁשׁוּם Is. 35. 1, and perhaps יִשְׁשׁוּם Is. 15. 7, וַיִּהְיוּ Am. 2. 4. This again was changed into ך to distinguish it from the suffix of the accusative of the third pers. plur. which is also ך, and by rejecting the final ך from this we have ך alone as the usual characteristic of the third pers. plur. of verbs. In a few cases, however, the ך is retained, as זָכָר Is. 26. 16, וַיִּדְעוּ Deut. 8. 16, and occasionally an otiant ם is added, as הִהְלִכְוּ Josh. 10. 24, וַיִּנְשׂוּ Jer. 10. 5, וַיִּבְרְאוּ Is. 28. 12.

THE FUTURE.

1. The formation of the Future differs from that of the Preterite in having its fragmentary pronouns both *prefixed* and *suffixed* to the ground-form, which is usually considered as the Infinitive construct. These prefixes consist of one vowelless consonant, which is the *first* or the *strongest* and most characteristic letter in the pronoun from which it is derived (י, ת, א, נ). But while the person is thus denoted at the beginning by its firm sound, the more accurate distinction of number and gender follows in the suffixes at the end. At the same time the Future shows a formation less abridged perhaps on the whole than the Preterite, as the ך of the terminations ךִּי, ךִּי, which is almost entirely lost in the Preter, is often preserved in the Future, as Gen. 18. 28–32, Is. 8. 12. The final vowel of the Future is either Holem, Pattah, or Tseri, as וַיִּקְטֹל, וַיִּבְרַח, וַיִּשָּׁב. These are technically termed Fut. O, A, and E; of which in regular verbs the first is most frequent.

Formation of Future.

SING.		Without disjunction	
3 m.	וַיִּקְטֹל		וַיִּקְטֹל
3 f.	וַתִּקְטֹל	"	וַתִּקְטֹל
2 m.	וַתִּקְטֹל	"	וַתִּקְטֹל
2 f.	וַתִּקְטֹל־י	"	וַתִּקְטֹל־י
1 c.	וַאֲקִטֹּל	"	וַאֲקִטֹּל
PLUR.			
3 m.	וַיִּקְטֹלוּ	"	וַיִּקְטֹלוּ
3 f.	וַתִּקְטֹלְנָה	"	וַתִּקְטֹלְנָה
2 m.	וַתִּקְטֹלוּ	"	וַתִּקְטֹלוּ
2 f.	וַתִּקְטֹלְנָה	"	וַתִּקְטֹלְנָה
1 c.	וַיִּקְטֹלוּ	"	וַיִּקְטֹלוּ

REMARKS.

1. *Third Person.* The preformative ׀ in the masc. sing. is derived from the principal letter (ר) of הָרָא *he*. This is analogically prefixed with Sheva, שֶׁרָא, but according to § 27. 8. the Sheva gives place to the vowel (.), thus yielding the normal form שֶׁרָא by § 23. II. 1, 2. The ׀ of the fem. comes from its hardened cognate ה (from הָרָא), as the affinity between *h* (א and ה) and *s* and *t* both at the beginning and end of words is somewhat remarkable throughout the language. Illustrations will be given as we proceed. The ׀ of the plural originates as in the Preterite.

2. *Second Person.* Here the derivation of the prefix ה from the pronoun הָאָתָּה is obvious, while the affirmative ׀ at the end is the characteristic vowel of the feminine, § 30. 2. *b*. In the plur. the syllabic addition הָ is from the pron. הָאָתָּה, denoting both gender and number.

3. *First Person.* The א prefixed in the sing. is evidently from אָנֹכִי; the ׀ of the plur. from אָנֹכִי. The א of אָנֹכִי is taken for the sing. to prevent its being confounded with the third pers. sing. (ר), or the first pers. plur. (ו). Instead of Sheva, which it would analogically take (א), it assumes *e* (.) from the repugnance which all the Gutturals have to the *i*-sound, § 25. 6.

§ 35. PECULIAR AFFECTIONS OF THE TENSES.

1. By way of compensation in part for the comparative deficiency of modes and tenses in Hebrew, the Future especially is subject to certain affections of form which carry with them peculiar modifications of the sense. These consist in what are termed *Paragogic* and *Apocopated* forms, of which the former, with a few trifling exceptions occurs only in the first, the latter only in the second and third persons. These peculiarities, however, are not usually carried through all the conjugations, but appear for the most part only in particular conjugations and classes of verbs. What these are will be more evident as we proceed; at present we shall consider the nature and purport of these forms.

I. *Paragogic Future.*

2. The distinguishing characteristic of this form of the Future is the annexing of the syllable הָ, to the ordinary termination. The effect is to express more emphatically the *effort* or *desire* of the mind,

the *direction* of the will, towards a special object. This is involved in the nature of the affix itself, which in nouns denotes *direction to a place*, and in connection with a verb expresses *an earnest going forth of the mind in a wish or purpose towards an action*. The force of the form can in many cases only be indicated in English by employing those optative, potential, hortatory or imperative modes of speech which give us such facility in expressing the various shades of thought. Thus אֶתְּכֹל *I will kill*, אֶתְּכֹלֶה *I will surely kill*, or *oh, that I may kill*; אֶשְׁמֹר *I will guard*, אֶשְׁמְרָה *I will assiduously guard*. As it refers to an emotion or volition originating in the mind of the speaker, it is for the most part confined to the first person singular or plural. Consequently the idea of *self-excitation* is almost always prominent, as אֶזְמֹר *I will sing*, אֶזְמְרָה *let me sing*; נִשְׁלִיכָה *let us break!* נִתְּחַק *let us cast away!* אֶחְלֶקָה *I will surely divide*; אֶכְרֹה-נָא *I will surely turn aside now and see*. So with an accompanying Imperative to strengthen the exhortation, as לְכוּ נִרְנָה *come, let us sing*; בֹּאוּ נִשְׁתַּחֲוֶה וְנִכְרַע *come, let us worship and bow down*. In a very few instances we find a paragogic third person, as הִרְחִישָׁה *oh, that he may hasten!* תְּבוֹאָה *let it come!* But very seldom do we find the punctuation הִ instead of הָ, as וְאֶקְרָאָה 1 Sam. 28. 15, רִדְשָׁנָה Ps. 20. 4.

2. The paragogic הָ as an added external termination is generally but loosely attached to the word, by no means so strongly and closely as the terminations of the persons, yet the original preceding vowels are too short to remain, and as *a, e, o* thus disappear, the הָ takes the tone, as אֶמְרָה from אֶמֶר, אֶזְמְרָה from אֶזְמֹר, אֶכְתָּבָה from אֶכְתֹּב, אֶעֱבֹרָה from נֶעְבֹּר; though also נֶעֱזְבָה from נֶעְבֹּר, אֶעֱרֹף from אֶעֱזֹב. The *o*, however, sometimes maintains itself in a Hateph vowel, as אֶשְׁקָה 1 Kings 19. 20, and in some other cases, particularly where a very long firm vowel resists a change, in which case the paragogic termination becomes toneless, as אֶקְרִימָה, אֶקְרִימָה, אֶשְׁרִימָה, אֶשְׁקִיטָה.

3. The ל"ה verbs never attach this הָ to their vocalic termination הָ, because two vowels so similar are not compatible in close connection, and the הָ is too weak to expel the radical הָ. The unique אֶהְמִיָה Ps. 77. 4, is a peculiar poetic form, and only in Is. 41. 23. do we find נִשְׁתַּחֲוֶה Hith, הָ being attached without the tone to נִשְׁתַּחֲ v. 10. In the ל"א class, in like manner, the hortatory sense has no external form; only as an exception we have אֶבְרָאָה because an immutable vowel precedes.

II. Apocopated Future.

1. As far as this contracted formation depends upon the sense, it is doubtless to be accounted for from the fact that in expressing *prohibition, dissuasion, exhortation, earnest wishing*, and the like, for which the apocopated Future is principally employed, the utterance is naturally somewhat abrupt and hurried, and the term employed thrown into its shortest possible form. The effect of this quickened enunciation is obvious. The stress of the voice being expended upon the beginning of a word, the tone is of course retracted (§ 21. 8. b.), long vowels are shortened, and the final syllable being consequently but slightly enounced, it is easily lost altogether in sound; and when once lost in sound, it easily disappears in form. The mode of apocopation is therefore twofold; (1) By shortening the long vowel; (2) By casting away the final letter and vowel. It occurs only in the second and third person, and in a part only of the conjugations. The cases and the manner may be thus specified:—

(a) In the regular verbs in Hiphil only, by changing *i* into *e*, which is regarded as a somewhat shorter sound, as

רָקַטְרִל	apoc.	רָקַטַל	;	רָקַבְרִץ	apoc.	רָקַבַץ
תָּקַטְרִל	"	תָּקַטַל	;	תָּקַבְרִץ	"	תָּקַבַץ

(b) In *ע"ו* verbs in Kal and Hiphil, as

רָמַח	apoc.	רָמַחַ	;	תָּמַח	apoc.	תָּמַחַ
רָמַחַ	"	רָמַחַ	;	תָּמַחַ	"	תָּמַחַ

(c) In all the conjugations of *ל"ה* verbs, by casting away the last syllable, as

Kal	רָגַל	apoc.	רָגַל	(with furt. Segol רָגַל)
Piel	רָגַלְה	"	רָגַל	(for רָגַל)
Hiph.	רָגַלְה	"	רָגַל	(for which רָגַל)

(d) In verbs of other classes the following may serve as examples of the mode of apocopation:—

רָצַמְרִח	apoc.	רָצַמַח	;	תוֹצִיאַח	apoc.	תוֹצִיאַח
רָשַׁמְרִח	"	רָשַׁמַח	;	רָבִיאַח	"	רָבִיאַח
תָּדַשְׁרִח	"	תָּדַשַׁח	;	רָנִיאַח	"	רָנִיאַח

2. The force of *ו* *conversive* in retracting the tone has already been adverted to § 21. 8. a; consequently the most frequent instances of apocopated Future are in connection with that particle, as *וְרָקַטְרִל, וְרָקַבְרִץ, וְרָמַחְה, וְרָגַלְה*. A still more decided effect of Vav

conversive is to be seen when the penult of the apocopated form is a simple syllable. Here the retraction of the tone is accompanied by a still further shortening, as fut. יוֹסֵף, apoc. יוֹסֵף, conv. יוֹסֵף; fut. יָמַח, apoc. יָמַח, conv. יָמַח; apoc. יָשַׁם, conv. יָשַׁם; apoc. יָרָא, conv. יָרָא. See § 21. 8. a.

3. A like shortening takes place in a Future followed by Maqqeph, as רָלַף-לָנוּ Is. 6. 8, רָשַׁב-נָא Dan. 9. 16, תִּפְּרֹץ-לָנוּ Deut. 18. 4; also occasionally when preceded by a particle emphatically negative or prohibitive, as לֹא תִפְּרֹץ *it shall not continue*, Gen. 4. 12; אַל-תִּפְּשֵׁב *thou shalt not put*, Ex. 23. 1; אַל-תִּפְּשֵׁב *turn not away*, 1 Kings 2. 20, אַל-תִּחַיֵּב *chastise not*, Prov. 9. 8; אַל-תִּשְׁתֵּה (for תִּשְׁתֵּה) *drink not*, Lev. 10. 9.

III. Vav Conversive Future.

1. Although there are undoubtedly definite and distinct uses in Hebrew of the Preterite as such and of the Future as such, yet it is equally beyond question that in multitudes of cases both these tenses are used *acristically*, i. e. without a definite notation of time, which is to be gathered from the context and the scope of the writer. So far from the Preter being exclusively employed to denote time past, perhaps the most frequent *historical* tense is the Future preceded by what is termed *Vav Conversive*, i. e. by Vav with subscript Pattah and followed by Dagesh forte in the next letter (וּ), as וַיִּקְטֹל. The Dagesh, however, disappears before preformatives with Sheva, as וַיִּקְטֹל, and before the first person the Pattah is lengthened into Kamets, as וַיִּקְטֹל. The Vav is here termed *conversive*, because it in a manner *turns* the Future into a Preterite, as וַיֹּאמֶר *he shall say*, וַיֹּאמֶר *and he did say*, וַיִּקְטֹל *I will kill*, וַיִּקְטֹל *and I did kill*. For the effect of Vav conversive on the vowels of the Future and the place of the tone, see § 21. 8. a.

2. The true theory of this peculiar form and use of the Hebrew Future is a point much disputed among grammarians. On the one hand it is contended that the ו is a relic of the verb of existence הָיָה=הָיָה, and that by prefixing it the Future is in reality constituted of *two* forms of verbs, a *principal* and a *helping* verb; so that וַיִּקְטֹל is equivalent to הָיָה יִקְטֹל *he was killing*, or *it was* (that) *he would kill*. But as this even if admitted does not account for all the phenomena, especially for the fact that the Vav always bears the signification of *and* in such a connection, others

are disposed to regard this particle merely as a copulative, and to explain the pointing from the exigency of the case. Many Futures begin with Sheva under the preformatives, as in Piel and Pual. In others the vowel is only factitious, and in Kal, etc., it is *short* Hireq, which is not well adapted to follow Vav prefix with Sheva. Here then the punctuation of Vav is governed by the laws of euphony. On this principle it is supposed that the copulative ו before י or י of the Future goes into ו merely to facilitate the pronunciation of these two very feeble letters. See Prof. Stuart's Review of Ewald on the Hebrew Tenses, Bibl. Reposit. Jan. 1838.

3. In the second and third pers. fem. plur. the ו of the affirmative ה often falls away upon prefixing ו conversive, as וְשָׁקְרָה וְשָׁקְרָה Gen. 19. 33, 35, וְהָחֲרִירָה v. 36, וְהָרָאָה Ex. 1. 17, וְהָחִירָה ib. If the penult is mixed, ה generally remains, as וְהָרַבְּכֶנָּה Gen. 24. 61, though omitted in וְהָאֲמָרָה Ex. 1. 19, and some few other cases.

V. Vav Conversive Preterite.

1. The conversive force of ו holds also in regard to the Preter, although in this case it is prefixed without a vowel simply in its usual conjunctive form. When preceded by a verb in the Future or Imperative it *converts* the Preter to a Future tense, as 'When a prophet יָקִים *shall arise*, וְנָתַן *and shall give*,' &c., Deut. 13. 2, וְאָמַרָה לָךְ *go and say*, Is. 6. 9. When the Preter, however, with Vav prefix is preceded by another Preter, the particle in that case is to be considered as merely *copulative*, the verb retaining its *past* signification, as וְקָרָא וְאָמַר *he called and said*.

2. The prefixing of Vav to the Preterite has usually a marked effect upon the tone, removing it from the penult to the ultimate, as וְהָחֲרַםְתָּ *thou hast killed*, וְהָחֲרַםְתָּ *and thou wilt kill*. The reason of this is very probably, as Dr. Nordheimer suggests (Gram. p. 122), to give greater prominence to the affixed pronoun denoting the subject of the verb; but it affects only the sec. pers. masc. sing. הָ, and the first pers. sing. אֲנִי; the first pers. pl. נוּ being too weak to receive it. This shifting of the tone, however, is so slight that the foretone α (־) remains unaffected, as וְהָחֲרַםְתָּ not וְהָחֲרַםְתָּ. On the contrary וְהָחֲרַםְתָּ with a simple Vav without this power. But in וְהָחֲרַםְתָּ and וְהָחֲרַםְתָּ verbs the tone very often, and in Kal uniformly, remains on the penult, because it ends in a long vowel, as וְהָחֲרַםְתָּ.

§ 36. THE PARTICIPLE.

1. The Participle does not, like the verb, represent the action as proceeding from a person, but it represents a person or thing as that to which the action is to be attributed. Its leading idea is that of the *personal noun*, to which the action belongs. It has its form therefore from the noun, and its essence from the verb, and partakes more or less of the several variations of the verb in its flexion. Unlike the verb, however, it marks not the distinction of time, except in the faintest degree. In its own nature it is properly a short combination of person and finite verb, viz. *agens=qui agit*, and may be used in every connection of the sentence, with or without the article, in apposition with a noun, as הַנֶּפֶל הָאִישׁ הַנֶּפֶל *the man the falling* = *who falls*; or, if this sense is implied in the connection of the sentence, *who is fallen*, or even by itself, as נֶפֶל *the falling one*. So אֹהֶב *a lover*, הֹלֵךְ *the flying one, fugitive*, הַנִּשְׁאָרִים *those that remained*. Although there is no definite distinction of time in the participle, yet as the present is the time most naturally associated with the idea of the active part., so is the past with that of the passive, which speaks of what has been experienced. It belongs to the meaning of certain passive participles that they express an attribute well known by experience, and therefore permanent or necessary, as נִרְחָק, נִדְרָא, נִחָדָר, *primitively feared, desired, but then also terrible, desirable*, as an object which is actually or generally feared or desired, must have an intrinsic ground of fear or desire in itself.

2. The Participle is used in the proposition as a simple *predicate*, representing the action as *inherent, continuing, permanent* in a person or thing, whereas in the verb the tenses express rather the exercise and developement of the action. It is placed either *alone* in an unconnected proposition, especially if the condition is of itself evident to the hearer from the circumstances, as אֲנִי הֹלֵךְ *I (am) going*, i. e. *I go* at this time as thou seest; or in connection with other propositions to describe a *continuing during* another action, as בָּאוּ וְלֹט יָשָׁב *they came and Lot (was) sitting*, i. e. while Lot sat, Gen. 19. 1.

3. As to *form*, the Participles are divided into two classes:

(a) Simple formations with a mere strengthening of the vowels of Kal, the one active, technically termed *Benoni*, or *between*, i. e. either between the past and the future, or a word between, (participating,) the nature of a noun and a verb; and the other passive,

termed *Pā'ul* (פָּעוּל *acted upon*). Their characteristic points are (י) and (..) for the active, as קָשָׁל or קָשֵׁל, and (ַ) and (ִ) for the passive, as קָשׁוּל. But in the intransitives the Participle follows the punctuation of the verb, as Pret. שָׁפַל, Part. שָׁפֵל; Pret. יָגַד, Part. יָגִיד. The latter form, however, is rare, being more appropriate to adjectives from the same root, as will be evident from the following examples, the Participles being distinguished by *e*, and the Adjectives by *o* or *a*; קָרַב *approaching*, קָרוֹב *near*; גָּדַל *becoming great*, גָּדוֹל *great*; רָחַק *departing*, רָחוֹק *distant*; חָזַק *becoming strong*, חָזָק *strong*. The *e* is occasionally lengthened to *i*, as רָצִירָא *sprung from*, 2 Chron. 32. 21, נָשִׂירָל *bearing*, Zeph. 1. 11. This simple formation appears also in Niph., where the Participle differs from the verb merely by the lengthening of the *a* in the last syllable, as Pret. נִקְטַל, Part. נִקְטֵל. In several of the irregular verbs it differs not at all, as Pret. נִשְׁמַע, Part. נִשְׁמָע; Pret. נִקְוָם, Part. נִקְוָם; Pret. נִזְרָא, Part. נִזְרָא; Pret. נִגְלָח, Part. נִגְלָח.

(b) The Participles of the other conjugations all assume an external formation by means of a prefixed מְ, probably abridged from the pronouns מִי *who?* מַה *what?* which is attached to the word very much after the manner of the signs of the person in the Future: thus Pi. מְקַטֵּל, Pu. מְקַטֵּל, Hiph. מְקַטִּיר, Hoph. מְקַטֵּל, Hithp. מְחַקֵּטֵל. In ע"ע and ע"י verbs we find מְסַב, מְקַרֵּם where *e* (..), as somewhat longer, has established itself as foretone, while *a* remains in the Future, מְסַב, מְקַרֵּם.

4. The Participle, as partaking of the nature of a noun, is subject to flexion in the same way, as masc. קָטֵל, fem. קָטֵלָה (also Segol. form קָטֵלָה), masc. plur. קָטֵלִים, fem. plu. קָטֵלוֹת.

CHAPTER V.

Form, Signification, and Inflection of each of the usual Conjugations.

§ 37. KAL.

1. *Form*.—The characteristic and usual form of Kal is קָטַל, with Kamets under the first radical, and Pattah under the second. This is the normal form for roots of transitive meaning; if intransitive, the second radical takes either Tseri or Holem, as יָגַד *to be old*, יָגַד *to fear*. But though these are the ordinary forms, yet they are subject to modifications arising from the nature of the letters of which

the roots are composed. Thus the Gutturals and the weak Quiescents א, ה, ו, י never fail to produce some changes in their accompanying vowels, according to the laws by which they are governed, as stated § 25, 26. As these peculiarities will be distinctly specified in treating of the several classes of verbs, it will be sufficient here to remark that, according to the letters of which it is composed, the conjugation Kal presents the following variety of forms:—

PRET.	INF.	FUT.	IMP.
קָטַל	קָטוּל	יִקְטֹל	קָטַל
זָקַן	קָטַל	יִקְבֹּד	עָמַד
קָטַן	עָמַד	יִעָמַד	זָעַק
שָׂמַח	עָמַד	יִנָּשׂ	נָשׂ
יָלַד (from וָלַד)	"	יֵשֶׁב	יָשַׁב
אָוַר	נָשָׂה	יִקְוֶה	קִוֶּה
קָם (from קָמוֹס)	קָם	יִסֵּב	סָב
מָח (from מָוֶה)	קָם	יִמָּצֵא	מָצָא
סָב (from סָבַב)	קָם	יִנָּלֶה	נָלַח
פָּרַא	"		
נָלַח	סָב		
	נָלַח		
	נָלֹחַ		

2. *Signification.*—The regular form presents the simple idea of the verb free from any modifications except those of active transitive and intransitive. The form with final *ā* is applied to the former, and that with final *e* or *o* to the latter. To the intransitive form belong for the most part roots which signify (1) *A physical condition*, as קָטַן *to be small*, יָלַד *to be great*, צָמָא *to be thirsty*, רָעַב *to be hungry*, זָקַן *to be old*, נָעַם *to be lovely*, חָסַר *to be deficient*, לָבַשׁ *to be clad*; (2) *Certain states or affections of the mind which exclude the idea of action*, as אָהַב *to love*, שָׂנֵא *to hate*, שָׂמַח *to rejoice*, אָבַל *to lament*, יָגַר *to fear*. The active and the intransitive formation and import sometimes occur in the same root, as הָלַשׁ *to weaken* or *overcome*, Ex. 17. 13, and *to be weak*, Job 14. 10; חָזַק usually *to be strong*, seldom active *to strengthen*, 2 Chron. 28. 20; מָלֵא usually *to be full*, מָלֵא *to fill*, Est. 7. 5; שׁוּב usually *to turn back*, but *to bring back*, *to restore*, Num. 10. 36.

§ 38. *Paradigm of the regular verb קָטַל to kill.**

KAL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	קָטְלוּ		קָטְלָהּ		קָטַל 3
קָטְלֶנָּה		קָטְלֵהֶם	קָטְלָהּ		קָטְלָהּ 2
	קָטְלוּ		קָטְלָהּ		1

Infinitive.

קָטַל Const. קָטֹל Abs.

Future.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
קָטְלֶנָּה		קָטְלֵהֶם	קָטֹל		קָטֹל 3
קָטְלֶנָּה		קָטְלֵהֶם	קָטְלֵהּ		קָטֹל 2
	קָטֹל		קָטֹל		1

Imperative.

קָטְלֵהֶם קָטְלֵהֶם קָטְלֵהֶם קָטֹל 2

Participles.

קוֹטְלוֹת קוֹטְלִים קוֹטְלָהּ קוֹטֵל A.
קוֹטְלוֹת קוֹטְלִים קוֹטְלָהּ קוֹטֵל P.

REMARKS.

1. **PRETER.** This is the usual form, from which there is little variation. The tone in the persons ending with the affirmatives ה, הָ, is on the penult, in the others on the ultimate. The effect of the pause accent is seen in such cases as שָׁחַד (שָׁחַד), (קָטְלָהּ), (קָטְלָהּ), where the primitive vowel is restored according to § 22. c. The distinguishing vowel of the root is the final Pattah, which is generally retained in those persons where Sheva follows, except in וְשָׁחַד Deut. 4. 1, וְשָׁחַד Num. 11. 12, וְשָׁחַד Judg. 13. 6, וְשָׁחַד 1 Sam. 12. 13. Intransitives having *e* for their final vowel change it into *ā* in the other persons, as וְשָׁחַד, וְשָׁחַד; וְשָׁחַד, וְשָׁחַד; but

* The literal rendering would be *he killed*, but merely as a matter of convenience the Infinitive *to kill* is adopted both here and elsewhere generally.

those with *o* retain it throughout, as קָטַף, קָטַף; except that the removal of the tone causes a shortening, as קָטַף, קָטַף. Other variations from the normal forms we shall here and elsewhere group together under the head of

Anomalies.

- אָזַל for אָזַל Deut. 32. 36. (Chald.) רָדַד for רָדַד Jud. 19. 11.
 בָּגְדָה " בָּגְדָה Mal. 2. 14. קָח " קָח Ezek. 17. 5.
 שָׁפַט " שָׁפַט 1 Sam. 7. 17. צָקוּן " צָקוּן Is. 26. 16. (par.)
 שָׁבַת " שָׁבַת Ps. 23. 6. יָדַעַד " יָדַעַד Deut. 8. 3. (id.)
 שָׁפַח " שָׁפַח Deut. 21. 7. אָמַר " אָמַר Is. 24. 3.
 נָזַל " נָזַל Is. 64. 2. גָּבַח " גָּבַח Ezek. 31. 5.
 הָלַכָה " הָלַכָה Jer. 31. 21. (par.) קָטַף " קָטַף Ps. 140. 13.

(a) *Peculiarities of verbs Lamed Tav and Lamed Nun.*—Certain verbs ending in ת and נ, as פָּרַח to cut, נָתַן to give, suffer a syncope of ת in several of the persons; as

פָּרַח	_____	נָתַן	_____
פָּרַחָה	_____	נָתַנָּה	_____
פָּרַח	instead of פָּרַחָה	נָתַח	instead of נָתַנָּה
פָּרַח	" פָּרַחָה	נָתַח	" נָתַנָּה
פָּרַחַי	" פָּרַחָתַי	נָתַחַי	" נָתַנָּחַי

2. **INFINITIVE.** For the distinction and various uses of the absolute and construct Infinitive, see § 33. 2, 3. The Holem of the absolute is immutable; that of the construct is shortened before Maqqeph into Kamets Hateph; as מִשַׁלְּבָנוּ *reign over us* for מִשַׁלְּבָנוּ. The Inf. const., like the Preter, has the threefold form of קָטַל, קָטַל, and נָתַן. A feminine form also occasionally distinguishes the Inf., especially on receiving a preposition, in which case the second radical loses its vowel, and the first usually takes Kamets Hateph, according to § 27. 14, as לְמַשַּׁח, לְמַשַּׁח, לְמַשַּׁח. Occasionally we find Kibbuts or Hireq, as לְחַמֵּל, לְחַמֵּל. Such forms as רָבַשָׁה, רָבַשָׁה with ה hardened to ח are extremely rare.

Anomalies.

- דָּרַל for דָּרַל Gen. 26. 13. (epen.) לָרַדַּח for לָרַדַּח Ezr. 10. 6.
 לָרַבַּח " לָרַבַּח Deut. 11. 22. סָפַן " סָפַן Jer. 22. 14.
 אָכַל " אָכַל 1 Sam. 1. 9. שָׁאַל " שָׁאַל Is. 7. 11.

3. **FUTURE.** The characteristic final vowel of this tense is Holey pure, for which reason it very seldom appears otherwise than

defectively written. For the same reason it goes into Kamets Haphe before Maqqeph, as וַיִּקְרָא Josh. 8. 32, and falls away upon the accession of the affirmatives י and ה, as קָרָא, קָרְאָה, &c., and a few exceptions are given in the anomalies below. Holem, however, belongs appropriately to verbs of Pret. final *a*. The intransitives take Pattah, as יָקַח, יָקְחָה; יָנַח, יָנְחָה. Yet there are several transitive verbs which retain *a* in the Future, as יִרְכֹּב, יִרְפֹּץ, &c., and some that take alternately *o* and *a*, as יִשְׁבֹּחַ Gen. 2. 2, תִּשְׁבַּח Neh. 6. 3, יִבְדֹּד Mal. 2. 15, נִבְדֹּד Mal. 2. 10. If both forms occur in the same verb, *o* has a transitive, and *a* an intransitive sense, as יִקְצַר *to be cut off, cropped*, Deut. 24. 19, יִקְצַר *to be made short*, Judg. 10. 16. Seldom do both occur without this distinction, as יִשְׁפֹּךְ, יִשְׁפָּךְ. When either the last or middle letter is a Guttural, the final is also for the most part Pattah (§ 25. 6.), as יִשְׁמַע, יִשְׁלַח, יִגְבֶּה, יִזְעַק. Futures with final *e* occur only in the irregular verbs יִשָּׁב, יִרָץ, יִאָּכַל.

Anomalies.

תִּשְׁמְרוּם	for תִּשְׁמְרוּם	Prov. 14. 3.	אֲשַׁקְרָה	Is. 18. 4.
יִשְׁפֹּטוּ	“ יִשְׁפֹּטוּ	Ex. 18. 26.	אֲשַׁקֹּלָה	Ezr. 8. 25.
תִּגְבְּהֶינָה	“ תִּגְבְּהֶינָה	Ezek. 16. 50.	אֲשַׁשְׁעָה	Is. 27. 4.
יִשְׁאֲגוּ	“ יִשְׁאֲגוּ	Is. 5. 29.	אֲשַׁמְעָה	Dan. 8. 13.
יִצְפֹּן	“ יִצְפֹּן	Prov. 2. 7.	תִּשְׁתַּדֵּר	Ezek. 16. 33.
יִשְׁפֹּטוּהָ	“ יִשְׁפֹּטוּהָ	Ezek. 44. 24.	תִּעֲבֹדֶינָה	Ruth 2. 8.
יִשְׁרֹנָה	“ תִּשְׁרֹנָה	1 Sam. 6. 12.		
יִעֲמֹדֶנָּה	“ תִּעֲמֹדֶנָּה	Dan. 8. 22.		

IMPERATIVE. The form of the Imperative is closely related to that of the Future, from which it differs by casting away the sign of the person ה at the beginning, rendering the word as short and emphatic as possible. It thus comes to bear also a marked resemblance to the Infin. const. which conveys the naked idea of the root, though unlike the Inf. it partially marks the distinctions of person, gender, and number. Its final vowel mainly follows that of the Future, as Fut. קָטַל, Imp. קָטַל; Fut. יִלְבֹּשׁ, Imp. לְבַשׁ; Fut. יִשְׁכַּב, Imp. שָׁכַב 2 Sam. 13. 5. The *i* which is assumed in the fem. sing. and masc. pl. is a very hurried sound, forming a short simple syllable, as is evident from the fact that Dagesh lene very seldom occurs after the Sheva, proving that it is *floating* (§ 9. 6.) and not silent, as כִּיתְבִּי *kith'bi*, רִידְפִי *ridh'phu*, עֲרֹכִי *ir'ku*, &c. The effect upon the vowels of receiving ה paragogic will be plain from the examples

given in the list below, from which it appears that *i* and *o* are assumed interchangeably for the first vowel. Roots which end in a Guttural occasionally shorten the termination *הָ* of the fem. plur. to the mere consonant *ן*, as *שָׁמַעַן* Gen. 4. 23, for *שָׁמַעְהָ*; *כָּרַעַן* Ex. 2. 20, for *כָּרַעְהָ*.

Anomalies.

<i>שָׁמַרְהָ</i> for <i>שָׁמַר</i> Ps. 25. 20.	<i>שָׁכַבְהָ</i> for <i>שָׁכַב</i> Gen. 39. 12.
<i>זָכַרְהָ</i> “ <i>זָכַר</i> 2 Chron. 6. 4.	<i>נָצַרְהָ</i> “ <i>נָצַר</i> Ps. 14. 3.
<i>סָעַדְהָ</i> “ <i>סָעַד</i> 1 Kings 13. 7.	<i>מָכַרְהָ</i> “ <i>מָכַר</i> Gen. 25. 31.
<i>רָגַזְהָ</i> “ <i>רָגַז</i> Is. 32. 11.	<i>זָעַקְהָ</i> “ <i>זָעַק</i> Jer. 22. 20.
<i>מָשַׁכְהָ</i> “ <i>מָשַׁכַּ</i> Ezek. 32. 20.	<i>חָרַבְהָ</i> “ <i>חָרַב</i> Is. 44. 27.
<i>קָרַחְהָ</i> “ <i>קָרַח</i> Mic. 1. 16.	<i>קָסַמְהָ</i> “ <i>קָסַם</i> 1 Sam. 28. 8.
<i>שָׁדַדְהָ</i> “ <i>שָׁדַד</i> Jer. 49. 28.	<i>חָשַׁפְהָ</i> “ <i>חָשַׁף</i> Is. 47. 2.
<i>מָלַכְהָ</i> “ <i>מָלַךְ</i> Jud. 9. 10.	<i>צָרַפְהָ</i> Ps. 26. 2. (1 superfl.)
<i>פָּשַׁעְהָ</i> “ <i>פָּשַׁע</i> Is. 32. 11.	

3. PARTICIPLE. Kal only exhibits the active and passive form of the Participle. The latter has sometimes an active signification, especially when the verb is intransitive, as *אָחַזְהָ* *grasping*, Cant. 3. 8, *בָּטוּחַ* *trusting*, Ps. 112. 7.

Anomalies.

<i>יָרַסְהָ</i> for <i>יָרַס</i> Is. 29. 14.	<i>אָסַרְהָ</i> for <i>אָסַר</i> Gen. 39. 20.
<i>תּוֹמַמְהָ</i> “ <i>תּוֹמַם</i> Ps. 16. 5.	<i>מָשַׁיְהָ</i> “ <i>מָשַׁח</i> Ps. 2. 5.
<i>בּוֹגְדְהָ</i> “ <i>בּוֹגַד</i> Jer. 3. 7.	<i>אֲהַבְתִּי</i> Hos. 10. 11. (parag. י.)
<i>יֹלְדְהָ</i> “ <i>יֹלַד</i> Mic. 5. 3.	<i>אֲיָבַתִּי</i> Mic. 7. 8. (Id.)
<i>נָטְרָה</i> “ <i>נָטַר</i> Cant. 1. 6.	<i>אָסַרְהָ</i> Gen. 49. 1. (Id.)
<i>פָּתַחְהָ</i> “ <i>פָּתַח</i> Ps. 55. 22.	<i>יָלְדְהָ</i> Gen. 16. 11. (contr. fr. <i>יָלְדָהּ</i>)
<i>לָבַשְׁהָ</i> “ <i>לָבַשׁ</i> Prov. 31. 21.	<i>שָׁכַנְתִּי</i> Jer. 51. 13. (contr. fr. <i>שָׁכַנָהּ</i> , with parag. י.)

PRAXIS ON KAL.

The learner will bear in mind, in rendering the ensuing words, that our imperfect, perfect, pluperfect, and even present, are expressed by the Hebrew Preterite. Yet instead of the Preter for the present, the Participle may be employed at discretion. All the phrases beginning with *and* are to be put in the Future with Vav conversive.

He reigned¹. Ye did guard². They shall expiate³. I drew near⁴. Ye had broken⁵. Thou (fem.) hast blessed⁶. She hath learned⁷. They have written⁸. Ye (fem.) have visited⁹. Approach ye¹⁰. Write ye (fem.)¹¹. They shall judge¹². And they did sanctify¹³. And he did speak¹⁴. To learn. To dwell¹⁵. Ye (fem.) have sold¹⁶. They shall cut off¹⁷. Writing. Judging. Sustaining¹⁸. Blessed. Clothed¹⁹. Guarded.

§ 39. NIPHAL.

1. *Formation.* The appropriate form of this conjugation is נִקְטַל, its distinguishing characteristic being the letter נ, prefixed with short Hireq which has arisen from Sheva (נִקְטַל), according to § 27. 8. But here as in the case of Kal (§ 37. 1.) the nature of the radical letters as strong or weak, as Guttural or non-Guttural, works a change in the punctuation, and gives rise to the following variety of forms :—

PRETER.	INF.	FUT.	IMP.
נִקְטַל	הִקְטַל	יִקְטַל	Same as Inf. Const.
נִקְטַמְר	הִקְטַמְר	יִקְטַמְר	
נִנְשׁ (for נִנְשׁ)	הִקְטַמְר	יִשְׁמַע	
נִלְר	הִקְטַמְר	יִרְשֵׁב	
נִקְרִם (נִקְרִם)	נִשְׁמַע	יִקְרִם	
נִסַּב (for נִסַּב)	הִשְׁמַע	יִסַּב	
נִמְצָא	”	יִמְצָא	
נִגְלָה	”	יִגְלָה	
	הִקְרִם		
	הִסַּב		
	הִסַּב		
	נִגְלָה		
	נִגְלָה		

2. *Signification.* (a) Judging from dominant usage, it would seem that this form of the verb has primarily and originally a *reflexive* signification, causing the action, to fall back upon the agent, as נִסְתַּר to conceal one's self, to hide, נִשְׁמַר to take heed to one's self,

- 1) מִלְדָּה. 2) שְׁמֵר. 3) כְּפִיר. 4) קָרַב. 5) שָׁבַר. 6) בָּרַךְ. 7) לָמַד.
8) פָּתַב. 9) פָּתַר. 10) קָרַב. 11) פָּתַב. 12) שָׁפַט. 13) קָדַשׁ. 14) דִּבֶּר.
15) שָׁבַר. 16) מָכַר. 17) בָּרַח. 18) סָמַךְ. 19) לָבַשׁ.

נָשֵׂא *to ask for one's self*; and so from intransitive Kal, as נִמְלֵא *to fill one's self, to be filled*, from מָלֵא *to be full*. If the reflexive action be referred to many persons, the idea of the *reciprocal* arises, as נִדְבְּרוּ *they speak mutually with one another*, Ezek. 33. 30; נִשְׁחָצוּ *the people oppress one another*, Is. 3. 5; נִלָּחֲמוּ *to fight* (prop. *to devour or consume each other*), נִתְבַּחֲשׁוּ *to wrestle*, Gen. 32. 25, נִשְׁפָּטוּ *to litigate, to enter into a judicial process*. Where verbs that are intransitive in Kal appear in the Niphal form, they generally indicate a transition from one state to another, as הָיָה *to be*, נִהְיָה *to become, to be made to be*, חָלָה *to be sick*, נִחְלָה *to be made to be sick*, הָלַךְ *to go*, נִהְלָךְ *to be made to go*. In other cases it signifies to show one's self as doing a thing or suffering it to be done, as נִכְבְּדָה *to show one's self honorable*, נִבְאָה *to show one's self a prophet, to prophesy*, וַיִּנָּבְעוּ *they showed or feigned themselves smitten*, Josh. 8. 15, נִמְצְאָה *I was found*, i. e. I suffered myself to be easily found, Is. 65. 1, נִדְּוָרָה *to be warned*, i. e. to let one's self be warned, Ps. 2. 10, Ezek. 23. 48.

(b) Niphal is also used to denote the *passive* of Kal when Kal is transitive, as נִמְשָׁחָה *to be anointed*, נִוָּלְדָה *to be born*, נִשְׁבָּרָה *to be broken*. It can hardly, however, be considered as the original and legitimate passive of Kal, for (1) as a general rule the passive conception is expressed by the grave and obscure *u* (וּ), or *o* (וּ), as in כָּטוּל *killed*, כָּתוּב *written*, יוּלְדָה *born*, Judg. 13. 8, הִוָּרַג *slain*, Is. 27. 7. (2) It has an Imperative, which the other passives want, and is used contrary to all analogy, even when Kal is intransitive, as בִּאֲשׁ *to smell ill*, נִבְאֵשׁ *to be fetid, noisome*, שִׂמְחָה *to rejoice*, נִשְׂמְחָה *to be made joyful*.

(c) Niphal is sometimes to be translated by the aid of the English auxiliaries *can, may, must, ought, could, would, should, &c.*, as יֵאָכַל *that may be eaten*, Gen. 6. 21; לֹא יִסְפָּר *that cannot be numbered*, Gen. 6. 10; לֹא יִעָשֶׂה *that ought not to be done*, Gen. 20. 9.

§ 40. PARADIGM OF NIPHAL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	נִקְטְלוּ		נִקְטְלָה		נִקְטַל 3
נִקְטְלוּן		נִקְטְלָתָם	נִקְטְלָתָה		נִקְטְלָתָה 2
	נִקְטְלוּהָ		נִקְטְלָתִי		1

Infinitive.

הִקְטַל Const.

הִקְטַל Abs.

Future.

Fem.	Com.	Masc.	Fem.	Com.	Masc.
תִּקְטֹלְנָה		תִּקְטֹלְךָ	תִּקְטֹל		תִּקְטֹל 3
תִּקְטֹלְנָה		תִּקְטֹלְךָ	תִּקְטֹלְךָ		תִּקְטֹל 2
	תִּקְטֹל			תִּקְטֹל	1

Imperative.

תִּקְטֹלְנָה	תִּקְטֹלְךָ	תִּקְטֹלְךָ	תִּקְטֹל 2
--------------	-------------	-------------	------------

Participles.

תִּקְטֹלְנָה	תִּקְטֹלְךָ	תִּקְטֹלְךָ	תִּקְטֹל
--------------	-------------	-------------	----------

REMARKS.

1. PRETERITE. Regular verbs free from Gutturals and Quiescents present no anomalies in the Preter. The vowel changes arising from Gutturals and weak letters in the root will be stated under their respective classes of verbs.

2. INFINITIVE. The real characteristic of this conjugation seems to be הִקְ (in Arabic أَكَّ), which discloses itself in the Infinitive הִקְטֹל=הִקְטֹל, the ה being assimilated in order to prevent the concurrence of two formative letters, and Dagesh inserted as a compensative. Indeed it holds very generally in regard to the verbs, that the characteristic of the tense excludes the characteristic of the conjugation. The absolute and construct forms differ only in having the former *o*, and the latter *e* as the final vowel. As the final Tseri in the Inf. const. as well as in the Fut. and Imp. is pure, it is of course shortened when the accent is thrown off, as הִקְטֹר, הִקְטֹר, הִקְטֹר; Fut. יִקְטֹל, יִקְטֹל. But in verbs ending in a Quiescent the final vowel is impure and therefore incapable of being shortened, as יִקְטֹל. See § 21. 8. When the preformative ה is preceded by the prefixes ב, ל, it is sometimes omitted, and its vowel point, or its equivalent, placed under those letters, as בִּקְטֹל for בִּקְטֹל Prov. 24. 17, בִּקְטֹל for בִּקְטֹל Lam. 2. 11, לִקְטֹל for לִקְטֹל Ex. 10. 3. Yet here we meet with some irregularities depending upon the principle stated § 29. 9, as בִּקְטֹל for בִּקְטֹל Ezek. 26. 15, הִקְטֹל for הִקְטֹל Is. 16. 8. Some verbs retain in the Inf. const. the characteristic ה of the Preter, and *o* instead of *e* as final vowel, as נִקְטֹל Judg. 11. 25, נִקְטֹל 1 Sam. 20. 28, נִקְטֹל Gen. 31. 30, נִקְטֹל Est. 3. 13, נִקְטֹל for נִקְטֹל Judg. 20. 39., נִקְטֹל 2 Sam. 17. 11, נִקְטֹל Jer. 34. 2. Of the same Holem termination are the two anomalous forms בִּקְטֹל for בִּקְטֹל Ps. 68. 3, and אִקְטֹל for אִקְטֹל Ezek. 14. 3.

3. **FUTURE.** The formation is entirely analogous to that of the Inf. construct. The recession of the tone from the ultimate to the penultimate syllable of the Inf. and its effect upon the vowels, have already been adverted to. A similar effect is usually produced upon those persons of the Fut. which are without affirmatives when followed by a monosyllabic word having an accent, as רִכְּשֵׁל בָּהּ Ezek. 33. 12, הִכְתֵּב זֶה Ps. 102. 19, וַיִּעָדֶר לוֹ Gen. 25. 21, וַיֵּאמֶר נָא 1 Kings 2. 26.

Anomalies.

אֶדְרֹשׁ for אֶדְרֹשׁ	Ezek. 14. 3.	רִנְּפֶשׁ for רִנְּפֶשׁ	Ex. 31. 17.
אֶשְׁבֵּעַ " אֶשְׁבֵּעַ	Gen. 21. 24.	תִּשְׁבֹּר " תִּשְׁבֹּר	Ezek. 32. 28.
אֶמְלֹט " אֶמְלֹט	Gen. 19. 20.	רִנְּעַ " רִנְּעַ	1 Kings 12. 6.
אֶפְכְּדָה " אֶפְכְּדָה	Ex. 14. 16.	תִּזְכְּרָנָה " תִּזְכְּרָנָה	Is. 65. 17.
אֶפְכְּדָה " אֶפְכְּדָה	Hag. 1. 8.	תִּאֲמַנָה " תִּאֲמַנָה	Is. 60. 4.

4. **IMPERATIVE.** Only one instance of departure from the usual form, viz. הִקְבִּצֵּה Joel 3. 11, for הִקְבִּצֵּה.

5. **PARTICIPLE.** This differs from the Preter only by having final Kamets instead of Pattah. The few anomalous forms are the following:

נִמְלִיִּם for נִמְלִיִּם	Gen. 34. 22.	$\left. \begin{array}{l} \text{epenth. א, and} \\ \text{Pattah instead} \\ \text{of Kamets,} \end{array} \right\} \begin{array}{l} \text{Ezek. 9. 8.} \\ \text{(Qeri.)} \end{array}$
נִחָחַם " נִחָחַם	Est. 8. 8.	
נִאֲדָרִי Ex. 15. 6. (parag.)		

PRAXIS ON NIPHAL.

He takes heed to himself¹. They shall be blessed². Ye do draw near³. They fight⁴. They spake together⁵. And they entered into judgment⁶. It repenteth me⁷. They did swear⁸. Ye (fem.) shall be visited⁹. They shall be broken¹⁰. Be thou gathered¹¹. Contending¹². Contrite¹³.

§ 41. PIEL.

1. **Formation.** The distinguishing form of Piel is קָטַל, its main characteristic being the reduplication of the middle radical, which conveys the idea of *intensity*. This reduplication is of course denoted by Dagesh forte קָטַל = קָטַטַל (§ 12. 1.), while the vowels as-

1) שָׁמַר. 2) שָׁפַט. 3) שָׁחַט. 4) שָׁחַט. 5) שָׁחַט. 6) שָׁחַט. 7) שָׁחַט. 8) שָׁחַט. 9) שָׁחַט. 10) שָׁחַט. 11) שָׁחַט. 12) שָׁחַט. 13) שָׁחַט.

- summed are short Hireq and Tseri instead of Kamets and Pattah. The above is the normal form ; but in case the second radical be a Guttural, which does not admit of reduplication, or one of the Quiescents which admits it with difficulty ; or should it be already repeated, as in verbs ע"ע ; then the various expedients are resorted to which are prescribed by the nature of these letters, §§ 25, 26. The result is the following diversity of forms :—

PRET.	INF.	FUT.	IMP.
קָטַל	קָטַל	יִקְטֹל	Imp. like the Inf.
פָּרַךְ	קָטַל	יִפְרֹךְ	const.
קָוַם (for קָוַם)	פָּרַךְ	יִשְׁמַע	except נָלַח.
סָבַב	פָּרַךְ	יִקְוֹם	
סָבַב (for סָבַב)		יִסְבֵּב	
	שָׁמַע	יִנָּלַח	
	שָׁמַע		
	”		
	קָוַם		
	נָלַח		
	נָלַח		

2. *Signification.* This is the first of the reduplicated forms, in all which the idea of *intension* is predominant. The true force of Piel, therefore, is (1) 'To denote the *care, zeal, energy, violence, skill, or frequency* which accompanies the doing of an action, and which would, in many cases, be expressed in other languages by the use of frequentative verbs. Thus פָּרַךְ simply to *follow*, פָּרַךְ to *pursue as a persecutor* ; שָׁלַח to *send*, שָׁלַח to *send away utterly, to dismiss* ; צָחַק to *laugh*, צָחַק to *mock, to deride* ; כָּתַב to *write (scribere)*, כָּתַב to *keep writing (scriptitare)*. (2) In many instances it has a *causative, permissive, or declarative* sense, nearly approximating to that of Hiphil, as לָמַד to *learn*, לָמַד to *see or cause that another learns, to teach* ; חָיָה to *live*, חָיָה to *permit to live* ; צָדַק to *be just*, צָדַק to *make just*, i. e. to *pronounce just, to justify*. But it is still for the most part distinguished from Hiphil by expressing, together with the causative, the accessory idea of greater *care and activity* in the performance of an action. Thus גָּדַל to *be great*, גָּדַל' to *diligently to make great*, i. e. to *bring up, to educate*, as children to *honor* ; הִגְדִּיל merely to *make great* ; כָּבֵד to *be heavy*, כָּבֵד to *honor*, הִכְבִּיר to *make heavy* ; יָלַד to *bring forth* (part. fem. מִיִּלְדָּת *midwife*), הוֹלִיד to *beget*. (3) Piel is, nev-

ertheless, in many verbs nearly equivalent to Hiphil, even when Hiphil itself is used, especially to make intransitive forms in Kal transitive, as *קָשָׁה* to be heavy, *קָשָׁה* and *הִקְשָׁה* to make heavy; *אַבַּד* to perish, *אַבַּד* and *הִאַבִּיד* to destroy; *קָרַב* to be near, *קָרַב* and *הִקְרִיב* to bring near; *קָם* to stand up, *קָם* (קָמַם) and *הִקְיָם* to raise up. (4) In some few cases it has, in respect to Kal, a privative or opposite meaning, as *סָקַל* to stone, *סָקַל* to remove stones; *נָכַר* to know, *נָכַר* to misapprehend; *חָטָא* to sin, *חָטָא* to expiate sin; Hiph. *הִשְׁרִישׁ* to take root, *הִשְׁרִישׁ* to eradicate. (5) When Piel, as is often the case, is derived from a nominal root, it usually indicates, according to its intensive nature, an active working, a busying of one's self about the thing implied in the root, as *פָּהַךְ* to perform the priest's office, from *פֹּהֵךְ* a priest; *שָׁלַשׁ* to do something on the third day, from *שָׁלוֹשׁ* three; *דָּשַׁן* to reduce to ashes, or to remove the ashes, Num. 4. 13, from *דָּשָׁן* ashes; *זָנַב* to cut off the tail, from *זָנַב* the tail; *לָבַב* to encourage, from *לֵב* the heart.

§ 42. PARADIGM OF PIEL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	קָשְׁלוּ		קָשְׁלָה		קָשַׁל 3
קָשְׁלוּ		קָשְׁלָתָם	קָשְׁלָתָי		קָשְׁלָתָי 2
	קָשְׁלָנִי			קָשְׁלָתִי	1

Infinitive.

קָשַׁל Const. קָשַׁל Abs.

Future.

תִּקְשַׁלְנָה		תִּקְשַׁלְוּ	תִּקְשַׁלְתִּי		תִּקְשַׁל 3
תִּקְשַׁלְתֶּם		תִּקְשַׁלְתֶּם	תִּקְשַׁלְתִּי		תִּקְשַׁל 2
	תִּקְשַׁלְנִי			תִּקְשַׁלְתִּי	1

Imperative.

קָשְׁלִי	קָשְׁלִי	קָשְׁלִי	קָשַׁל 2
----------	----------	----------	----------

Participles.

מִקְשָׁלִים	מִקְשָׁלִים	מִקְשָׁלִים	מִקְשָׁל
-------------	-------------	-------------	----------

REMARKS.

1. **PRETERITE.** Deviations from the regular form may for the most part be resolved into the legitimate effect of the Guttural let-

ers and of Maqqeph upon the accompanying vowels (§ 25. 16). As but few of them require explanation, they may all be presented at one view.

Anomalies.

אָבֵד for אָבֵד	2 Kings 21. 3.	אָחִירִי for אָחִירִי	Jud. 5. 28.
שָׁבֵר “ שָׁבֵר	Ps. 107. 6.	דָּבָר “ דָּבָר	Lev. 13. 6.
בָּקֵשׁ “ בָּקֵשׁ	Prov. 14. 2.	בָּבֶט “ בָּבֶט	Lev. 14. 8.
מָלֵט “ מָלֵט	Eccles. 9. 15.	כָּפַר “ כָּפַר	Lev. 4. 20. †
לָמַד “ לָמַד	Eccles. 12. 9.	חָתַל “ חָתַל	Gen. 31. 7.
רָחַמְתִּי “ רָחַמְתִּי	Ps. 51. 7.	לָחַז “ לָחַז	1 K. 13. 38. acc. retr.
קָבַל “ קָבַל	Est. 9. 3.	לָקַט Ruth. 2. 18.	(id.)

2. INFINITIVE. The two forms differ only in their final vowels. With ה paragogic, a form of pretty frequent occurrence, the final e often falls away, as זָמַרְהוּ for זָמַר; צִדְקָהוּ for צִדְקָה.

Anomalies.

שָׁחַת for שָׁחַת	Gen. 13. 10 (Dagesh implied).
נָאץ “ נָאץ	2 Sam. 12. 14 (retains charac. of Preter).
חָלַץ “ חָלַץ	Lev. 14. 4. (id.)
דָּבַר-אֶנִּי Is. 58. 9	(on account of Maqqeph).

3. FUTURE. Formed from the Inf. const. by prefixing the personal preformatives with their original Sheva, which is retained because the first radical has a vowel of its own; Inf. const. קָטַל, Fut. יִקְטֹל. The main peculiarity is its taking e instead of e before Maqqeph, as יִדְבָּרֵהוּ.

Anomalies.

אָחִלְקָה Ps. 60. 8.	(with ה paragogic).
יִדְשָׁח Ps. 24. 4.	(with נָח instead of נָח).
יִרְדָּה Ps. 7. 7.	(comp. of Fut. Kal. יִרְדָּה and Fut. Pi. יִרְדָּה).
אָבְדָה Ezek. 28. 16.	(contr. for אָבְדָה by Syriasm).
יִחַלְלֵהוּ Jer. 9. 5.	for יִחַלְלֵהוּ.
יִדְבָּרֵהוּ Is. 29. 4.	(tone retracted).
יִרְבֵּה 1 Sam. 15. 5.	(contr. from יִרְבֵּה).
יִבְשָׁחוּ Nah. 1. 4.	(contr. from יִבְשָׁחוּ).
יִחַל Gen. 8. 10.	(contr. from יִחַל, tone retracted).
יִבְקֶשׁ Ps. 63. 9.	(Dagesh omitted in second radical, § 9. 7).

Anomalies.

אֶסְעֶרֶם Zech. 7. 14. (Syriasm for אֶסְעֶרְךָ).

וַיִּצֹר for וַיִּצְוֶה Judg. 21. (apocope of ו).

וַיִּדְבֹּר " וַיִּדְבֹּרֶיךָ 1 Kings 12. (id.)

4. IMPERATIVE. The retraction of the tone gives, like the Inf., such forms as קַדְשֵׁ-לִי instead of קַדְשֵׁ נָא, דִּבֶּר-נָא for דִּבֶּר. We also meet with final Pattah instead of Tseri, especially before Gutturals and Resh ; as

פִּלֵּג for פִּלֵּג Ps. 55. 10. שָׁמַח for שָׁמַח Prov. 27. 11.

כָּתַר " כָּתַר Job 36. 32. מָחַר Gen. 19. 22. (Dag. uncompens.)

סָפַר " סָפַר 2 Kings 8. 4. (הַ paragogic).

בָּאָר Hab. 2. 2. (ר on account of Gut. following).

5. PARTICIPLE. Of the origin of the preformative מ, see § 36.
3. b. This in some few cases is omitted, as will appear from the following

Anomalies.

מְשַׁרְחָה for מְשַׁבֵּחַ Ecc. 4. 2. מְשַׁרְחָה 1 Kings 1. 5. (contr. from מְשַׁרְחָה).
מְפַחֵר for מְפַחֵר Prov. 28. 14. (Dag. comp. omit.)

PRAXIS ON PIEL.

I will utterly destroy¹. Ye shall teach². He shall diligently oversee³. He hath pronounced unclean⁴. They have utterly broken or shivered⁵. Thou hast taken away or removed the ashes⁶. They shall diligently remember⁷. Carefully sanctify to me⁸. To expiate⁹. To bury with care¹⁰.

§ 43. PUAL.

1. Formation. Pual is primarily passive of Piel, and therefore distinguished by the passive vowel *u* (י) under the first radical, and by *ä* instead of *e* under the second, retaining the characteristic Dagesh, as קָטַל to be violently killed, to be murdered. The peculiarities

- 1) אָבַד. 2) לָמַד. 3) פָּסַד. 4) טָמֵא. 5) שָׁבַר. 6) דָּשַׁן. 7) זָכַר.
8) קָדַשׁ-לִי. 9) הִקָּא. 10) קָבַר.

that mark the Gutturals and Quiescents give rise, as usual, to a variety of forms ; as

PRET.	INF.	FUT.	IMP.
קָטַל	קָטַל	יִקְטֹל	Wanting.
בָּרַךְ	קָטַל	יִבְרֹךְ	
קִיּוּמָם (for קָיוּם)	"	יִקְיוּמָם	
סָבַסַב	בָּרַךְ	יִמְצֵא	
סִבְבָּ (סָבַב)	"	יִגְלֶה	
	קִיּוּמָם		
	"		
	יִמְצֵא		
	יִגְלֶה		
	יִגְלֶה		

2. *Signification.* This is with scarcely an exception the simple passive of Piel, as Pi. שָׁבַר *to break violently*, Pu. שִׁבַּר *to be violently broken*. It occurs in a very few instances where Piel is wanting, in which case it is usually taken as passive of Kal ; as Kal לָקַח *to take*, Pu. לִקָּח *to be taken* ; the Piel form לָקַח being never met with.

§ 44. PARADIGM OF PUAL.

Preterite.

PLURAL.		SINGULAR.	
Fem.	Com.	Masc.	Fem.
	קָטַלְתִּי	קָטַלְתָּ	קָטַלְתְּ
קָטַלְתְּ		קָטַלְתָּם	קָטַלְתֶּם
	קָטַלְתֶּם		קָטַלְתֶּן

Infinitive.

קָטַל Const. קָטַל Abs.

Future.

יִקְטֹלְתִּי	יִקְטֹלְתָּ	יִקְטֹלְתְּ	יִקְטֹל 3
יִקְטֹלְתֶּם	יִקְטֹלְתָּם	יִקְטֹלְתֶּן	יִקְטֹל 2
יִקְטֹלְתֶּן		יִקְטֹל	יִקְטֹל 1

Imperative.

(wanting)

Participles.

מִקְטָלִים	מִקְטָלָה	מִקְטָלָה 2
------------	-----------	-------------

REMARKS.

1. **PRETERITE.** There are but few variations from the regular form. The following however occur, in the first of which τ contrary to analogy takes Dagesh.

Anomalies.

כָּרַח for כָּרַח	Ezek. 16. 4.	שָׁדַח for שָׁדַח	Nah. 3. 7.
סֹרַח " סֹרַח	Gen. 44. 24.	לָקַח " לָקַח	Gen. 2. 23.
פָּרַש " פָּרַש	Num. 15. 34.	שָׁפַח " שָׁפַח	Ps. 73. 2.
חָרַג " חָרַג	Is. 27. 7.	מָרַח " מָרַח	Ezek. 21. 15.
יָלַד " יָלַד	Jud. 13. 8.	הָלַח " הָלַח	Ps. 78. 63. (in pau.)

2. **FUTURE.** The Future is formed, as in Piel, by prefixing the personal pronouns with Sheva, as יִקְשַׁל.

Anomalies.

יִבְרַח for יִבְרַח	Ps. 128. 4.
יִסְעַר " יִסְעַר	Hos. 13. 3.
יִבְרַח " יִבְרַח	Ezek. 26. 21.
יִבְרַח " יִבְרַח	Ps. 94. 20.

3. **PARTICIPLE.** This sometimes, like Piel, omits τ ; as לָקַח for מְלַקֵּחַ 2 Kings 2. 10; אָכַל for מֵאֲכִיל Ex. 3. 2; יִקְשִׁים for מִיקְשִׁים Eccl. 9. 12. Other anomalous forms are the following: מֵאֲדַם for מֵאֲדָם Nah. 2. 3; מְבַרַּח Ps. 113. 4; מְנַאֵץ Is. 52. 5.

PRAXIS ON PUAL.

I was surreptitiously stolen away¹. He shall be diligently taught². He was taken³. Ye (fem.) shall be highly praised⁴. Thou shalt be torn in pieces⁵. They shall be blessed⁶. That which is spoken⁷. Made red⁸. Diligently taught⁹. Grievously oppressed¹⁰.

§ 45. HIPHIL.

1. **Formation.** The grand characteristic of Hiphil, and that which constitutes the true power of the form, is the τ prefixed by means of short $\dot{\iota}$; Yod with long $\ddot{\iota}$ being inserted between the two last radicals, as הִקְשִׁיל. The Yod, however, is not so essential but that it falls away in the flexion of the Preter, leaving Pattah in its

1) נִבְּחַ. 2) לְמַד. 3) לָקַח. 4) הָלַל. 5) טָרַח. 6) בָּרַח. 7) דִּבֶּר.
8) אָדַם. 9) לְמַד. 10) עָשָׂה.

place, as הִקְטִיל, הִקְטִילָהּ, הִקְטִילָהּ, &c. As usual, the occurrence of the weak letters and the Gutturals modifies the form so as to give rise to the following variety ;

PRET.	INF.	FUT.	IMP.
הִקְטִיל	הִקְטִיל	יִקְטִיל	הִקְטֵל
הִקְטִיר	הִקְטִיר	יִקְטִיר	הִקְטֵר
הִנָּשׂ (for הִנָּשׂ)	הִנָּשׂ	יִנָּשׂ	הִנָּשׂ
הִוָּשִׁיב (for הִוָּשִׁיב)	הִוָּשִׁיב	יִוָּשִׁיב	הִוָּשֵׁב
הִקְרִים (for הִקְרִים)	הִקְרִים	יִקְרִים	הִקְרֵם
הִסָּב (for הִסָּב)	הִנָּשׂ	יִסָּב	הִסָּב
	הִנָּשׂ	יִמָּצֵא	הִמָּצֵא
	”	יִגָּלֶה	הִגָּלֶה
	הִוָּשִׁיב		
	הִקְרִים		
	הִקְרִים		
	”		
	הִסָּב		
	הִמָּצֵא		
	הִמָּצֵא		
	הִגָּלֶה		
	הִגָּלוֹת		

2. *Signification.* The leading idea conveyed by Hiphil is that of *causation*. It properly signifies the *causing* or *permitting*, and sometimes the *declaring* or *pronouncing*, that to be or to be done which is indicated by the primitive Kal ; as, הָיָל *to possess*, הִנָּחִיל *to cause to possess* ; כָּתַב *to write*, הִכְתִּיב *to cause to write* ; קָטַן *to be small*, הִקְטִין *to make small* ; צָדַק *to be just*, הִצְדִּיק *to make just*, i. e. *to esteem or pronounce just, to justify*. In this latter sense it has a close affinity with Piel (§ 40. 2), and in fact the same verb seldom occurs in both forms.

3. The import of Hiphil is somewhat peculiarly modified according as the verb in Kal is transitive or intransitive. (1.) In the former case, it may subordinate to itself *two* accusatives, the first of which depends upon the accessory idea of causation, the second on the idea of the simple verb. In the usual arrangement of words the former of these objects must always be placed first ; thus, from רָאָה *to see*, הִרְאָה אֶת־עַבְדּוֹ אֶת־גִּדְלוֹ, *he causes his servant to*

see his greatness, Deut. 3. 24. from נָחַל *to possess, to inherit*, הֵחִיל אוֹתָם אֶת-הָאָרֶץ *he makes them to inherit the land*, Deut. 3. 28.

(2.) When Kal is neuter, merely denoting a state of being or of intransitive action, Hiphil assumes an active sense and takes after it but one accusative, which depends upon the idea of causation, as קָרַב *to be near*, הִקְרִיב *to bring near*; נָפַל *to fall*, הִפִּיל גֹּדֶל *to make the lot to fall*, i. e. to cast it; לָבָן *to be white*, הִלְבִּין *to whiten*; קָדַשׁ *to be holy*, הִקְדִּישׁ *to sanctify*; יָדַע *to know*, הוֹדִיעַ *to cause to know, to inform*.

4. A causative verb can be formed from a *noun* or indeed from any other word; in which the noun itself becomes the involved object of the causative, so that no other object is required; as from מָטָר *rain*, הִמְטִיר *to make to rain*; שָׁרַשׁ *root*, הִשְׁרִישׁ *to take root*; אָלַי interjection, הִילִיל *to make wail, to lament*; לַיִל *night*, הִלִּין *to pass the night, pernoctari*. In the same manner also from a verb without a definite subject (an impersonal); as from מָרַר *it is bitter to me*, הִמְרַר *he makes it bitter to me*. Such an Hiphil, however, where the ideal relation is close, may take after it an accusative denoting a different object from the primary one; as הִאָזִין properly from אָזֶן *an ear*, yet poetically equivalent to שָׁמַע *to hear*, and used with any accusative. So likewise הִמְטִיר בָּרֶד *to rain hail*.

§ 46. PARADIGM OF HIPHIL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	הִקְטִילָהּ		הִקְטִילָהּ		הִקְטִיל 3
הִקְטִילְתָּ		הִקְטִילְתָּם	הִקְטִילְתָּ		הִקְטִילְתָּ 2
	הִקְטִילְנָה			הִקְטִילְתָּ	1

Infinitive.

הִקְטִיל	Const.	הִקְטִיל	Abs.
----------	--------	----------	------

Future.

תִּקְטִילְנָה	תִּקְטִילְנָה	תִּקְטִיל	תִּקְטִיל 3
תִּקְטִילְתָּ	תִּקְטִילְתָּ	תִּקְטִילְתָּ	תִּקְטִיל 2
	תִּקְטִיל	תִּקְטִיל	1

Imperative.

הִקְטִילְנָה	הִקְטִילְנָה	הִקְטִילְתָּ	הִקְטִיל 2
--------------	--------------	--------------	------------

Participles.

מִקְטִילֹת	מִקְטִילִים	מִקְטִילָה	מִקְטִיל
------------	-------------	------------	----------

REMARKS.

1. **PRETERITE.** The principal variations from the common form are ranged together in the following list of

Anomalies.

הִכְלִמְנִי for הִכְלִמְנִי 1 Sam. 25. 7. הִרְגֵּלְתִּי for הִרְגֵּלְתִּי Hos. 11. 3.
הִנָּאֲלִיתִי " הִנָּאֲלִיתִי Is. 63. 3. הִחַדְלִיתִי Judg. 9. 9. (interrog.)
הִשְׁבַּחְתִּי " הִשְׁבַּחְתִּי Is. 16. 10. הִשְׁלַכְתָּהּ Amos 4. 3. (parag.)
הִשְׁאֲלִיתִי " הִשְׁאֲלִיתִי 1 Sam. 1. 28. הִאָּנִּיחֵהּ Is. 19. 6. (epen. י and ה)

2. **INFINITIVE.** The regular formation inserts Pattah under the characteristic ה in order to distinguish it from the Preter. When any one of the particles in the word בִּכְלֵם is prefixed, the construct form is always adopted, as לְהַכְרִיחַ, לְהַזְכִּיר. Otherwise we have the following

Anomalies.

הִעֲנִי for הִעֲנֵךְ Deut. 15. 4. הִרְגִּיעַ for הִרְגִּיעַ Jer. 59. 34.
הִעֲמִיד " הִעֲמִיד Neh. 7. 3. הִרְגִּיז " הִרְגִּיז Jer. 50. 34.
הִשְׁמִיד " הִשְׁמִיד Amos 9. 8. הִמְלִיט " הִמְלִיט Jer. 31. 5.
הִסְעִר " הִסְעִר 1 Sam. 15. 23. לְהִאָּדִיב " לְהִאָּדִיב 1 Sam. 2. 33.
הִפְרָכְם " הִפְרָכְם Ezek. 21. 29. לְהַכִּיל " לְהַכִּיל Ezek. 21. 28.
הִשְׁפִּיט " הִשְׁפִּיט Jer. 25. 3. אֶבְרָךְ " אֶבְרָךְ Gen. 41. 43.

3. **FUTURE.** The apocopated form with final Tseri is perhaps used as often as the absolute, especially with Vav, as וַיִּקְטֹּל. The preformative as usual excludes the characteristic (ה) of the conjugation. The following forms come more or less under the class of

Anomalies.

וַאֲעֲשֶׂה for וַאֲעֲשֶׂה Zech. 11. 5. וַיִּבְטַח for וַיִּבְטַח 2 Kings 18. 30.
וַיִּשְׁמַע " וַיִּשְׁמַע Judg. 18. 25. וַיִּדְבֹקוּ " וַיִּדְבֹקוּ 1 Sam. 14. 22.
וַיִּשְׁמְאֵל Gen. 13. 9. (* epenth.)
וַיִּשְׁלִיכֵהוּ Neh. 13. 8. (parag.)
וַיִּשְׁרָעוּ Ex. 22. 9. (parag. and י for ו)
וַיִּדְרִיכֵהוּ Jer. 9. 2. for וַיִּדְרִיכֵהוּ.

Verbs of this tense beginning with א frequently omit it, substituting Holem; as אָסִיף for אֶאֱסִיף; אָבִידָהּ for אֶאֱבִידָהּ; וַיִּוָּחַר for וַיִּוָּחַר. Others supply its place by Kamets, and sometimes Pattah; as וַיִּזְוֹר for וַיִּזְוֹר; וַיִּשְׁמַע for וַיִּשְׁמַע; וַיִּשְׁמְאֵל for וַיִּשְׁמְאֵל; וַיִּשְׁלִיכֵהוּ for וַיִּשְׁלִיכֵהוּ.

4. **IMPERATIVE.** With ה paragogic the characteristic Hireq occurs, as וַיִּשְׁלִיכֵהוּ Neh. 1. 11. When the third radical is either a Guttural or ר the final vowel is of course Pattah, as וַיִּשְׁלִיכֵהוּ, וַיִּשְׁלִיכֵהוּ.

Anomalies.

חֹשֶׁר for חֹשֶׁר Ps. 5. 9.

חֹשֶׁר for חֹשֶׁר Gen. 4. 24.

5. PARTICIPLE.

Anomalies.

מִזִּין for מִזִּין Prov. 17. 4. מְחַרֵּמָה for מְחַרֵּמָה Ps. 19. 8.

מִאֲרִיךְ " מִאֲרִיךְ Eccl. 8. 12. מְרַשֶּׁעַ " מְרַשֶּׁעַ 2 Chr. 24. 7.

מְרַיְבֹת " מְרַיְבֹת Lev. 26. 16. מְבַלְיָהּ " מְבַלְיָהּ Jer. 8. 18.

PRAXIS ON HIPHIL.

To cut off¹. To cause to remember². He caused to fall³. Ye have separated⁴. Ye (fem.) shall cause to cease⁵. And he did justify⁶. And she did destroy⁷. Thou shalt cause to strike root⁸. Making to preside over⁹. Magnifying¹⁰. Casting a shedding seed¹¹.

§ 47. HOPHAL.

1. *Formation.* The characteristic form of Hophal is prefixed ה, which usually takes the vowel *o*, but occasionally *u*; the second radical being accompanied by *o*, as הִקְטִיל or הִקְטִיל. The varieties occasioned by the occurrence of the weak and Guttural letters are the following :

PRET.	INF.	FUT.	IMP.
הִקְטִיל	הִקְטִיל	יִקְטִיל	Wanting.
הִשְׁלַךְ	הִשְׁלַךְ	יִשְׁלַךְ	
הִעֲמִיד	הִעֲמִיד	יִעֲמִיד	
הִנָּשׂ (for הִנָּשׂ)	הִנָּשׂ	יִנָּשׂ	
הִיָּשֵׁב	הִיָּשֵׁב	יִיָּשֵׁב	
הִקָּם (for הִקָּם)	הִקָּם	יִקָּם	
הִסָּב (for הִסָּב)	הִסָּב	יִסָּב	
הִשָּׂם (for הִשָּׂם)	"	יִשָּׂם	
	הִיָּשֵׁב		
	"		
	הִמָּצָא		
	הִגָּלַח		
	הִגָּלַח		

שָׂמַד (7). צָדַק (6). שָׂבַח (5). בָּדַל (4). נָפַל (3). זָכַר (2). בָּרַח (1).
זָרַע (11). בָּדַל (10). שָׂמַד (9). שָׂרַשׁ (8).

2. *Signification.* The import of Hophal is almost invariably passive of Hiphil, as *הִשְׁכַּב* to *cause to lie down*, *הִשְׁכַּב* to *be caused to lie down*; *הִמְלִיךְ* to *make a king*, *הִמְלִיךְ* to *be made a king*. The Hoph. of *יָכַל* to *be able*, however, differs not in sense from Kal. When two different objects are dependent on Hiphil, according to § 43. 3, the former of them falls away in Hophal, because the idea of the causative has become passive, but the second object, which is dependent on the simple verbal idea, remains; as *הִרְאָה אֶת-הַתְּמוּנָה* *he was made to see the pattern*, Ex. 25. 40; *הִחְלִיתִי יְרֵחַי שָׁוָא* *I am made to inherit months of vanity*, Job 7. 3.

§ 48. PARADIGM OF HOPHAL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
הִשְׁכַּבְתִּי	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתִּי	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם
הִמְלִיכְתִּי	הִמְלִיכְתֶּם	הִמְלִיכְתֶּם	הִמְלִיכְתִּי	הִמְלִיכְתֶּם	הִמְלִיכְתֶּם
הִחְלִיתִי	הִחְלִיתֶם	הִחְלִיתֶם	הִחְלִיתִי	הִחְלִיתֶם	הִחְלִיתֶם

Infinitive.

הִשְׁכַּבְתִּי	Const.	הִשְׁכַּבְתִּי	Abs.
----------------	--------	----------------	------

Future.

הִשְׁכַּבְתִּי	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם
הִמְלִיכְתִּי	הִמְלִיכְתֶּם	הִמְלִיכְתֶּם	הִמְלִיכְתֶּם
הִחְלִיתִי	הִחְלִיתֶם	הִחְלִיתֶם	הִחְלִיתֶם

Imperative.

(wanting)

Participles.

הִשְׁכַּבְתִּי	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם	הִשְׁכַּבְתֶּם
----------------	----------------	----------------	----------------

REMARKS.

1. *PRETERITE.* The Preter as before remarked occasionally appears with Kibbutz, instead of Kamets Hateph; as *הִשְׁכַּבְתִּי*, *הִמְלִיכְתִּי*, *הִחְלִיתִי*. When the first radical is a Guttural, Hateph Kamets (◌ֵ) occupies the place of Sheva; as *הִחְלִיתִי*. A special anomaly occurs in *הִחְלִיתִי* for *הִחְלִיתִי*, Jud. 9. 9, where the ה is at once the characteristic of the conjugation, and also the interrogative particle, as is indicated by the Segol.

2. **IMPERATIVE.** Twice only we find an imperative in Hophal, viz. *הִשְׁפַּח* Ezek. 32. 19; *הִפְנֵה* Jer. 49. 8.

3. **PARTICIPLE.** The ה characteristic of the conjugation in one instance remains after the preformative; viz. *מְהַפְּעוֹת* for *מְהַפְּעוֹת*, Ezek. 46. 22. In one case we have *הַמְבַדְּלוֹת* for *הַמְבַדְּלוֹת*, Jos. 16. 6.

PRAXIS ON HOPHAL.

He was made king¹. Thou (fem.) shalt be taken². Thou art cast out³. They shall be laid⁴. She is to be visited⁵. Incense shall be offered⁶. Twisted⁷. Made to preside over⁸. Corrupted⁹. Made to cleave¹⁰.

§ 49. HITHPAEL.

Formation. The distinguishing characteristic of Hithpael is the syllable *הִתְ* prefixed to the infinitive of Piel, as *פָּטַל*, Hithp. *הִתְפָּטַל*; *בָּרַךְ*; *הִתְבָּרַךְ*; *קִיַּם*; *הִתְקִיַּם*. The force of this prefix is reflexive, but the form is distinguished from Niphal by having a far stronger reflexive power, and by its involving the *active* instead of the *passive* sense of the root; so that it is properly a *reflexive intensive form*. The regular form, however, undergoes some remarkable changes in consequence of the affections to which the prefix *הִתְ* is subject by virtue of the laws of euphony stated § 24. 5. They are the following:

(1.) When the first radical is a sibilant (§ 4. 2. d.) the ה of the preformative changes places with it, as

ס	—	הִסְתַּבֵּל	instead of	הִתְסַבֵּל	from K.	סָבַל
שׁ	—	הִשְׁתַּנֵּב	“	הִתְשַׁנֵּב	“	שָׁנַב
שׁ	—	הִשְׁתַּמֵּר	“	הִתְשַׁמֵּר	“	שָׁמַר
צ	—	הִצְטַדֵּק	“	הִתְצַדֵּק	“	צָדַק

In the latter case (צ) the ה is changed into its cognate ס. This, however, very seldom occurs.

(2.) Before a cognate letter the ה is usually assimilated, as

הִדְבֵּר	instead of	הִתְדְּבֵר	from	דְּבַר
הִשְׁחַר	“	הִתְשַׁחַר	“	שָׁחַר
הִתַּמֵּם	“	הִתְתַּמֵּם	“	תַּמֵּם

1) מָלַךְ. 2) לָמַח. 3) שָׁלַךְ. 4) שָׁכַב. 5) פָּקַד. 6) קָטַר. 7) שָׁוַר. 8) פָּקַד. 9) שָׁחַח. 10) דָּבַק.

(3.) The same usage is occasionally extended to some other letters; as

ז	—	הִזְכֵּר	instead of	הִזְכֵּר	from	זָכַר
כ	—	הִכְסֶּה	"	הִכְסֶּה	"	כָּסָה
נ	—	הִנָּבֵא	"	הִנָּבֵא	"	נָבֵא
ר	—	הִרְוֶם	"	הִרְוֶם	"	רִוֶּם
ש	—	הִשְׁוֶם	"	הִשְׁוֶם	"	שָׁוֶם

(4.) The principal forms assumed by Hithpael are therefore as follows :—

PRET.	INF.	FUT.	IMP.
הִתְקַטֵּל	Same as Preter.	Same as Pret. with change of preforma- tive;— יִתְקַטֵּל &c.	Same as Inf. or Pret.
הִתְקַבֵּד			
הִתְקוֹמֵם			
הִתְוַלֵּל			
הִשְׁתַּמֵּר			
הִדְמֵךְ			
הִצְטִיד			
הִדְיֵבֵר			

2. *Signification.* The primary signification of Hithpael as above intimated is *reflexive*, particularly of Piel, as Pi. קָדַשׁ *to sanctify*, Hithp. הִתְקַדֵּשׁ *to sanctify one's self*; Pi. כָּפַר *to cover or atone for sin*, Hithp. הִתְכַּפֵּר *to make atonement for one's self*. The form has properly greater power than Niphal, even where in other respects it agrees with it; as נָקַם *to revenge one's self*, הִתְנַקֵּם *to revenge one's self with ardor, to be revengeful*, Ps. 8. 3; נָשָׂא *to raise one's self*, הִתְנַשֵּׂא *to raise one's self proudly*, 1 Kings 1. 5. It is sometimes used also in a *reciprocal* sense, הִתְרַחֵץ *to continue looking at one another, to linger*, Gen. 42. 1; but more frequently in verbs of *mental emotion*, and with more emphasis than Niphal, as הִתְקַצֵּף *to be indignant*, הִתְאָבֵל *to lament bitterly*. When derived from an intransitive Kal it expresses like Piel, *zealous spontaneity*, as נָפַל *to fall*, הִתְנַפֵּל *to prostrate one's self continually or earnestly*, Deut. 9. 18; רָצָה *to be loved*, הִתְרַצָּה *to make one's self dearly loved, or to try to make one's self loved*, 1 Sam. 29. 4; thus too from הִנָּן *to be merciful, to try to make another merciful to one, i. e. to implore mercy, to supplicate*. It also imports the *making, showing, or feigning* one's self to be or to do that which the verb in its ground-form signifies, as חָלָה *to be sick*, הִתְחַלֵּה *to feign one's self sick*; עָשָׂר *to be*

rich, *הַחֲנִשָּׁר* to pretend to be rich, to act the rich man; *נָדַל* to be great, *הַחֲנַדֵּל* to carry one's self haughtily.

2. As Niphal reflexive stands properly without an *object*, so does Hithpael. In two cases only does it show the appearance of subordinating an object to itself; (1) Where the language retains in some reflexive verbs a possible active modification of the idea, as *הַחֲנַנֵּל* to make one's self cunning, hence to cheat one, Gen. 37. 18; *הַחֲבֹנֵן* to be deeply attentive, to observe, used poetically with an object, Ps. 119. 95, *I will deeply consider* (*אֶחְבֹּנֶן*) thy testimonies. (2) Where the idea is that of a *mediate reflexion* of the action upon the agent, equivalent to the middle voice in Greek; as *הַחֲתַנֵּחַל* to in-kerit (something) for one's self, to take possession of, Num. 33. 54. Is. 52. 2; *הִתְפָּקְרוּ אֶת-הַחֲזָמִים* they stripped themselves of the rings, Ex. 32. 3. Comp. other examples, Is. 14. 2, Josh. 18. 5, Lev. 25. 46.

3. Hithpael, like Niphal, occasionally, though very rarely, assumes a merely *passive* signification, as *הִשְׁתַּמֵּר* to be observed, Mic. 6. 16; *הִשְׁתַּכַּח* to be forgotten, Eccl. 8. 10, but in this place only; usually *נִשְׁכַּח*.

4. Where the rarer intensive forms occur in Piel, Hithpael for the most part conforms to them; as *פָּוֵן* to direct, *הִתְפָּוֵן* to erect one's self, also to be founded; *קוּמֵם* to raise, *הִתְקוּמֵם* to raise one's self; *תִּלְתֵּל* to shake, *הִתְתִּלְתֵּל* to move violently. Many verbs, especially of the class which repeat the whole root, are developed only in the reflexive form, as *הִתְמַחֵמַח* to suffer one's self to be delayed; *הִשְׁתַּחֲשַׁק* to run to and fro among one another; *הִתְמַרְמַר* to be enraged, and the very frequent *הִשְׁתַּחֲוֶה* to prostrate one's self, to worship.

§ 50. PARADIGM OF HITHPAEL.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	הִתְקַשְׁלוּ		הִתְקַשְׁלָה		הִתְקַשְׁלָה 3
הִתְקַשְׁלֹתָי		הִתְקַשְׁלֹתֶם	הִתְקַשְׁלָתְּ		הִתְקַשְׁלָתְּ 2
	הִתְקַשְׁלֻנָּה		הִתְקַשְׁלֹתֶי		1

Infinitive.

הִתְקַשֵּׁל Const. (wanting) Abs.

Future.

הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה 3
הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה 2
	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה 1

Imperative.

הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה	הִתְקַשְׁלֶנָּה 2
-----------------	-----------------	-----------------	-------------------

Participles.

מִתְקַשְׁלֶנָּה	מִתְקַשְׁלֶנָּה	מִתְקַשְׁלֶנָּה	מִתְקַשְׁלֶנָּה
-----------------	-----------------	-----------------	-----------------

REMARKS.

PRETERITE. As there are several variations from the common form which are not to be explained by any general principle, it will be sufficient to class them together under the usual head of

Anomalies.

- הִתְקַשְׁלֶנָּה Deut. 29. 19. (, on account of Dag. rejected).
הִתְקַשְׁלֶנָּה 2 Chron. 13. 7. (Pattah instead of Tseri).
הִתְקַשְׁלֶנָּה 2 Chron. 20. 35, 37. (for הִתְקַשְׁלֶנָּה by Chaldaism).
הִתְקַשְׁלֶנָּה Deut. 21. 8. (comp. of Niph. נִכְפַּר and Hiph. הִתְקַשְׁלֶנָּה).
הִתְקַשְׁלֶנָּה Is. 34. 6. (comp. of Hoph. and Hith. for הִתְקַשְׁלֶנָּה).
הִתְקַשְׁלֶנָּה Ezek. 38. 23. (Hireq instead of Pattah).
הִתְקַשְׁלֶנָּה Ibid. (Id.)
הִתְקַשְׁלֶנָּה Ezek. 5. 13. (syncope of ה for הִתְקַשְׁלֶנָּה).
הִתְקַשְׁלֶנָּה Num. 1. 47 for הִתְקַשְׁלֶנָּה (, borrowed from Hoph).
הִתְקַשְׁלֶנָּה Jer. 25. 16. (the Holem derived from Pual).
הִתְקַשְׁלֶנָּה Is. 61. 6. for הִתְקַשְׁלֶנָּה (by commut. of י for א).
הִתְקַשְׁלֶנָּה Lev. 13. 55, 56, for הִתְקַשְׁלֶנָּה (û in preform. for i).
הִתְקַשְׁלֶנָּה Ps. 93. 1. (Kamets instead of Pattah on account of pause accent).
הִתְקַשְׁלֶנָּה Gen. 6. 9. (Segol on account of Mak. following).
הִתְקַשְׁלֶנָּה Ps. 12. 9. (with נ paragogic).

2. INFINITIVE. Scarcely any other irregularity than the insertion of Kamets for Pattah on account of Dagesh omitted; as

- הִתְקַשְׁלֶנָּה Is. 60. 21. הִתְקַשְׁלֶנָּה Num. 32. 19. (no compensation).
הִתְקַשְׁלֶנָּה Job 2. 8.

3. FUTURE. Of the regular form it is unnecessary to speak. The following are the

Anomalies.

- אֶחָדָם Ps. 119. 52. (Segol instead of Kam. to avoid concurrence of Kamets, and Kamets instead of Pattah on account of pause accent).
- אֶחָדָם Is. 49. 3. (Kamets compens. of Dag. omitted).
- אֶשְׁתָּמֵר Ps. 18. 24. (transpos. of ה and ש accord. to § 49. 1.)
- אֶחָדָם Ps. 119. 45. (with paragogic ה).
- תִּהְיֶה Prov. 25. 6. (with final Pat. on account of ר).
- תִּהְיֶה 2 Sam. 22. 26. (final Kam. on acc. of pause accent.)
- תִּהְיֶה Ps. 18. 28. (ה assimilated and י on account of pause, for תִּהְיֶה).
- תִּהְיֶה 2 Sam. 22. 27. (explanation same as preceding).
- וְתִהְיֶה Ex. 2. 4. for וְתִהְיֶה (form entirely anomalous).
- וְתִהְיֶה Num. 33. 54. (final י on account of pause accent, and י to prevent concurrence of Kamets).
- וְתִהְיֶה Num. 1. 18. (Dag. omitted).
- וְתִהְיֶה Jer. 46. 8. for וְתִהְיֶה.

4. PARTICIPLE. The Participle follows the analogy of the other parts of the verb in its

Anomalies.

- מִתְבָּרֵךְ Is. 65. 16. (Kamets instead of Pattah on account of ר; so also with Gut.)
- מִסְחָר Lev. 14. 7. (characteristic ה assimilated).
- מִסְתַּחֵר 1 Sam. 23. 19. (ה and ס transposed).
- מִתְאַמְצָה Ruth 1. 18. (Segolate form of Part).
- מִתְלַקַּח Ex. 9. 24. (Id.)

P R A X I S O N H I T H P A E L .

Ye shall make yourselves to possess¹. He made or showed himself strong². They (fem.) shall assiduously walk³. Ye have sanctified yourselves⁴. They shall show themselves rich⁵. They feigned themselves ambassadors⁶. They presented themselves to be mustered or reviewed⁷. Thou hast supplicated⁸.

1) נָחַל. 2) חָזַק. 3) הִלָּךְ. 4) קָדַשׁ. 5) עָשִׂיר. 6) צִיר. 7) פָּקַד. 8) שָׁלַח.

PARADIGM OF REGULAR VERBS.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	קָטַל	נִקְטַל	קָטַל	קָטַל	הִקְטִיל	הֻקְטַל	הִתְקַטַּל
3 f.	קָטְלָה	נִקְטְלָה	קָטְלָה	קָטְלָה	הִקְטִילָהּ	הֻקְטְלָה	הִתְקַטְּלָה
2 m.	קָטַלְתָּ	נִקְטַלְתָּ	קָטַלְתָּ	קָטַלְתָּ	הִקְטַלְתָּ	הֻקְטַלְתָּ	הִתְקַטַּלְתָּ
2 f.	קָטַלְתְּ	נִקְטַלְתְּ	קָטַלְתְּ	קָטַלְתְּ	הִקְטַלְתְּ	הֻקְטַלְתְּ	הִתְקַטַּלְתְּ
1 c.	קָטַלְתִּי	נִקְטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	הִקְטַלְתִּי	הֻקְטַלְתִּי	הִתְקַטַּלְתִּי
<i>Plur.</i> 3 c.	קָטְלוּ	נִקְטְלוּ	קָטְלוּ	קָטְלוּ	הִקְטִילוּ	הֻקְטְלוּ	הִתְקַטְּלוּ
2 m.	קָטַלְתֶּם	נִקְטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	הִקְטַלְתֶּם	הֻקְטַלְתֶּם	הִתְקַטַּלְתֶּם
2 f.	קָטַלְתֶּן	נִקְטַלְתֶּן	קָטַלְתֶּן	קָטַלְתֶּן	הִקְטַלְתֶּן	הֻקְטַלְתֶּן	הִתְקַטַּלְתֶּן
1 c.	קָטַלְנוּ	נִקְטַלְנוּ	קָטַלְנוּ	קָטַלְנוּ	הִקְטַלְנוּ	הֻקְטַלְנוּ	הִתְקַטַּלְנוּ
INFINITIVE.							
<i>Absol.</i>	קָטוּל	הִקְטִיל	קָטַל	קָטַל	הִקְטִיל	הֻקְטַל	
<i>Constr.</i>	קָטַל	הִקְטִיל	קָטַל	קָטַל	הִקְטִיל	הֻקְטַל	הִתְקַטַּל
FUTURE.							
<i>Sing.</i> 3 m.	יִקְטֹל	יִקְטַל	יִקְטֹל	יִקְטֹל	יִקְטִיל	יִקְטַל	יִתְקַטֵּל
3 f.	תִּקְטֹל	תִּקְטַל	תִּקְטֹל	תִּקְטֹל	תִּקְטִיל	תִּקְטַל	תִּתְקַטֵּל
2 m.	תִּקְטֹלְךָ	תִּקְטַלְךָ	תִּקְטֹלְךָ	תִּקְטֹלְךָ	תִּקְטִילְךָ	תִּקְטַלְךָ	תִּתְקַטֵּלְךָ
2 f.	תִּקְטֹלְךִי	תִּקְטַלְךִי	תִּקְטֹלְךִי	תִּקְטֹלְךִי	תִּקְטִילְךִי	תִּקְטַלְךִי	תִּתְקַטֵּלְךִי
1 c.	אֶקְטֹל	אֶקְטַל	אֶקְטֹל	אֶקְטֹל	אֶקְטִיל	אֶקְטַל	אֶתְקַטֵּל
<i>Plur.</i> 3 m.	יִקְטְלוּ	יִקְטְלוּ	יִקְטְלוּ	יִקְטְלוּ	יִקְטִילוּ	יִקְטְלוּ	יִתְקַטְּלוּ
3 f.	תִּקְטְלנה	תִּקְטְלנה	תִּקְטְלנה	תִּקְטְלנה	תִּקְטִילנה	תִּקְטְלנה	תִּתְקַטְּלנה
2 m.	תִּקְטְלוּךָ	תִּקְטְלוּךָ	תִּקְטְלוּךָ	תִּקְטְלוּךָ	תִּקְטִילוּךָ	תִּקְטְלוּךָ	תִּתְקַטְּלוּךָ
2 f.	תִּקְטְלוּךִי	תִּקְטְלוּךִי	תִּקְטְלוּךִי	תִּקְטְלוּךִי	תִּקְטִילוּךִי	תִּקְטְלוּךִי	תִּתְקַטְּלוּךִי
1 c.	נִקְטֹל	נִקְטַל	נִקְטֹל	נִקְטֹל	נִקְטִיל	נִקְטַל	נִתְקַטֵּל
IMPERATIVE.							
<i>Sing.</i> 2 m.	קָטַל	הִקְטִיל	קָטַל		הִקְטִיל		הִתְקַטַּל
2 f.	קָטְלִי	הִקְטִילִי	קָטְלִי		הִקְטִילִי		הִתְקַטְּלִי
<i>Plur.</i> 2 m.	קָטְלוּ	הִקְטִילוּ	קָטְלוּ		הִקְטִילוּ		הִתְקַטְּלוּ
2 f.	קָטְלנה	הִקְטִילנה	קָטְלנה		הִקְטִילנה		הִתְקַטְּלנה
PARTICIPLE.							
<i>Active.</i>	קָטֹל		מְקַטֵּל		מְקַטֵּל		מְתַקַּטֵּל
<i>Passive.</i>	קָטוּל	נִקְטָל		מְקַטֵּל		מְקַטֵּל	

§ 51. UNUSUAL CONJUGATIONS.

1. The names and the origin of these infrequent verbal forms are stated §§ 31. 4, and 32. 7. They are for the most part *intensive* in their import, and therefore have a stronger analogy with Piel both in signification and flexion than with any other part of the verb. And as Piel gives rise to its reflexive Hithpael, so several of these have also a reflexive form characterized by the preformative הָהִ. Those of the most frequent occurrence are Poel, Poal, and Hithpoel, of which see the forms and mode of flexion in subsequent paradigms. In signification they are often, like Piel, causative of Kal, and sometimes merely tantamount to it; as הָתַקַּק and הִתְקַקַּק *to give laws*. In case Piel is used they are sometimes of the same signification; as רָצַץ and רָצַץ־רָצַץ *to oppress*. Oftener however they are varied by marked shades of difference; as סָבַב *to turn one's self*, סָבַב־סָבַב *to go round, to compass*; חָנַן *to make gracious*, חָנַן־חָנַן *to compassionate*; שָׁרַשׁ *to eradicate*, שָׁרַשׁ־שָׁרַשׁ *to take root*.

2. PILEL, PULAL, AND HITHPALEL. The characteristic of these conjugations is the doubling of the last radical, with an intervening Tseri or Pattah, according to the analogy of Piel or Pual; as קָטַל־קָטַל, קָטַל־קָטַל־קָטַל. Examples in the regular verbs are שָׁאֵן *to be quiet*, רָצֵן *to be green*, אָמַל (pass.) *to be withered*, of none of which do the original roots שָׁאֵן, רָצֵן, אָמַל occur, yet נָפַל *to be fallen* is met with, Ezek. 28. 23. The most frequent use of these conjugations is in verbs Ayin Vav in place of Piel and Hithpael.

3. PILPEL, POLPAL, PEALAL, PEOLEL, AND TIPHEL. Of these very unfrequent conjugations, of which the general import is *intensive*, and which are in fact for the most part mere substitutes for the Dageshed conjugations, it will be sufficient barely to exhibit the forms; viz. תִּקְטַל־תִּקְטַל־תִּקְטַל, תִּקְטַל־תִּקְטַל־תִּקְטַל. In flexion they conform to general analogy.

CHAPTER VI.

§ 52. VERBS WITH GUTTURALS.

1. From the nature of the Guttural letters as described § 25, they cannot but produce a marked effect upon the forms that arise from the flexion of the words to which they belong. Consequently, having a mode of vowel-pointing peculiar to themselves, verbs including one or more of this class of letters in their roots exhibit

several striking variations from the model given in the paradigm of קָטַל. As these variations, however, are confined to the *vowels* and do not affect the *radical letters*, verbs with Gutturals are not to be accounted *irregular*—a term applied exclusively to *those verbs* some of whose radicals are either dropped, assimilated, or become quiescent, and even then to be understood in the qualified sense stated § 31. 6.

2. It will be borne in mind that of the Gutturals א and ה are also classed among the Quiescents § 26. 1; but here they come under consideration only in the former character, i. e. as *consonants*. Such is א *usually* when standing as the first radical of a word as אָמַר, and *almost always* as the second, as שָׁאַל, but as the third it *quiesces in all cases*, as קָצַץ. Again, ה quiesces only as last radical; as first or second it is always a consonant.

3. Guttural verbs therefore are of three kinds:

- (1.) Those whose first radical is a Guttural, as עָמַד.
- (2.) Those whose second radical is a Guttural, as יָצַק.
- (3.) Those whose third radical is a Guttural, as שָׁמַע.

I. Verbs whose first Radical is a Guttural.

§ 53. VERBS D' GUTT. (עָמַד).

1. The peculiarities of the vowel-pointing are principally these:—Where the first radical would analogically have *simple* Sheva these verbs are usually distinguished by *composite* Sheva; as Inf. עָמַד (reg. form עָמַד); אָסַף (אָסַף); אָמַרְתָּם (אָמַרְתָּם). The preformative letters in this case either take the short vowel which corresponds with the composite Sheva, according to § 25. 4, as Inf. K. עָמַד, Fut. יַעֲמֹד; אָסַף, יִאָּסֵף; or, if the Guttural, as often happens, should assume *simple* Sheva, the preformative takes the same vowel under it as it would have done had the *composite* Sheva been employed; as, Niph. יִעָּמֵד instead of יַעֲמֹד; Hiph. Fut. יַעֲמִיד instead of יַעֲמִיר. The former is called the *smooth*, the latter the *rough enunciation*.

2. In the Inf., Imp. and Fut. Niph., where the first radical should properly be doubled (קָטַל, הִקְטִיל), the doubling is dispensed with, and the preformative vowel lengthened into Tseri; as יַעֲמֹר, הִאָּמַר. For an explanation of such forms as יַעֲמֹד, יַעֲמִיר, יַעֲמִיד, &c. See § 25. 5.

PARADIGM OF VERBS D" GUTTURAL.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	עָמַד	נִעְמַד	עָמַד	עָמַד	הֶעֱמִיד	הִעָמַד	הִתְעַמַּד
3 f.	עָמְדָה	נִעְמְדָה			הֶעֱמִידָה	הִעָמְדָה	
2 m.	עָמַדְתָּ	נִעְמַדְתָּ	&c.	&c.	הֶעֱמַדְתָּ	הִעָמַדְתָּ	&c.
2 f.	עָמַדְתְּ	נִעְמַדְתְּ			הֶעֱמַדְתְּ	הִעָמַדְתְּ	
1 c.	עָמַדְתִּי	נִעְמַדְתִּי			הֶעֱמַדְתִּי	הִעָמַדְתִּי	
<i>Plur.</i> 3 c.	עָמְדוּ	נִעְמְדוּ			הֶעֱמִידוּ	הִעָמְדוּ	
2 m.	עָמַדְתֶּם	נִעְמַדְתֶּם			הֶעֱמַדְתֶּם	הִעָמַדְתֶּם	
2 f.	עָמַדְתֶּן	נִעְמַדְתֶּן			הֶעֱמַדְתֶּן	הִעָמַדְתֶּן	
1 c.	עָמַדְנוּ	נִעְמַדְנוּ			הֶעֱמַדְנוּ	הִעָמַדְנוּ	
INFINITIVE.							
<i>Absol.</i>	עָמֹד	הֶעֱמֹד	עָמֹד	עָמֹד	הֶעֱמִיד	הִעָמֹד	
<i>Constr.</i>	עָמַד	הֶעֱמַד	עָמַד	עָמַד	הֶעֱמִיד	הִעָמַד	הִתְעַמַּד
FUTURE.							
<i>Sing.</i> 3 m.	יִעָמַד	יִנְעַמַּד	יִעָמַד	יִעָמַד	יִהְיֶה עֹמֵד	יִהְיֶה עֹמֵד	יִתְעַמַּד
3 f.	תִּעָמַד	תִּנְעַמַּד			תִּהְיֶה עֹמֵד	תִּהְיֶה עֹמֵד	
2 m.	תִּעָמַדְתָּ	תִּנְעַמַּדְתָּ	&c.	&c.	תִּהְיֶה עֹמֵדְךָ	תִּהְיֶה עֹמֵדְךָ	
2 f.	תִּעָמַדְתְּ	תִּנְעַמַּדְתְּ			תִּהְיֶה עֹמֵדְךָ	תִּהְיֶה עֹמֵדְךָ	
1 c.	אֶעָמַד	אֶנְעַמַּד			אֶהְיֶה עֹמֵד	אֶהְיֶה עֹמֵד	
<i>Plur.</i> 3 m.	יִעָמְדוּ	יִנְעַמְדוּ			יִהְיֶה עֹמְדֵיהֶם	יִהְיֶה עֹמְדֵיהֶם	
3 f.	תִּעָמְדְנָה	תִּנְעַמְדְנָה			תִּהְיֶה עֹמְדֵיהֶן	תִּהְיֶה עֹמְדֵיהֶן	
2 m.	תִּעָמְדוּ	תִּנְעַמְדוּ			תִּהְיֶה עֹמְדֵיהֶם	תִּהְיֶה עֹמְדֵיהֶם	
2 f.	תִּעָמְדְנָה	תִּנְעַמְדְנָה			תִּהְיֶה עֹמְדֵיהֶן	תִּהְיֶה עֹמְדֵיהֶן	
1 c.	נִעָמַד	נִנְעַמַּד			נִהְיֶה עֹמְדֵינוּ	נִהְיֶה עֹמְדֵינוּ	
IMPERATIVE.							
<i>Sing.</i> 2 m.	עָמַד	הֶעָמַד	עָמַד		הֶעָמַד		הִתְעַמַּד
2 f.	עָמְדִי	הֶעָמְדִי			הֶעָמְדִי		
<i>Plur.</i> 2 m.	עָמְדוּ	הֶעָמְדוּ	&c.		הֶעָמְדוּ		&c.
2 f.	עָמְדְנָה	הֶעָמְדְנָה			הֶעָמְדְנָה		
PARTICIPLE.							
<i>Active.</i>	עֹמֵד		מְעָמֵד		מְעָמֵד		מִתְעַמֵּד
<i>Passive.</i>	עֹמֵד	נִעְמָד		מְעָמֵד		מְעָמֵד	

REMARKS.

KAL.

1. **PRETERITE.** The Preter presents no special anomalies. We find *הִירִיחֵם* Deut. 9. 24, and with *וְהִירִיחֵם* Gen. 3. 5.

2. **INFINITIVE.** In verbs whose first radical is *א*, the Construct generally has the pointing of *אָכַל*, especially when receiving the prefix-prepositions, which are consequently pointed like the preformatives of the future; *בָּאָכַל*, *לִאָּחֹז*; Inf. Fem. *בִּחְזָקָהּ*, whence *בְּחִזְקָתָהּ*, *אֲחִיבָהּ*, whence *בְּחִזְקָתָהּ*.

3. **FUTURE.** This tense has two forms, final *o* and *a*. When the final vowel is Holem the preceding vowels are generally (· · ·); as *יַעֲבֹד*, *יַעֲבֹר*, *יַעֲבֹר*; but when it is Pattah they are usually (· · ·); as *יַחֲזֹק*, *יַחֲזֹק*, *יַחֲזֹק*. Yet such forms as *יִרְאֶסָהּ*, *יִרְאֶסָהּ* do occur; as also once in pause *יִרְחֹלֶה*. The two forms (· · ·) and (· · ·) are sometimes interchanged in the Fut. of the same verb; as *יִחְלֹץ* and *יִחְלֹץ*. The Gutturals not unfrequently take *simple* Sheva; as *יִחְזֹר*, *יִחְזֹר*, *יִחְזֹר*. With affirmatives verbs of this class conform to the regular model; as *יִחְזֹר*, *יִחְזֹר*. As the punctuation (· · ·) is somewhat shorter than (· · ·), so the first is sometimes put for the second, where a more rapid enunciation is required; as *יִחְזֹר*, but with *וְיִחְזֹר*.

Anomalies.

יַעֲבֹד for *יַעֲבֹד* Ruth 2. 8. *יַעֲבֹד* for *יַעֲבֹד* Deut. 13. 3.
אֲנִיחָהּ “ *אֲנִיחָהּ* Ps. 69. 21. *אֲנִיחָהּ* “ *אֲנִיחָהּ* Prov. 14. 3.
יַעֲבֹד “ *יַעֲבֹד* Ex. 20. 4.

§ 54. *Special Remarks on the Future of Verbs א"ס.*

1. The five following verbs *אָבַד*, *אָבַח*, *אָכַל*, *אָמַר*, *אָפַח*, it has been customary with grammarians to consider as forming a class altogether distinct from that above given, denominated *Pe Guttural*. The reason of this distinction was founded upon the fact that the *א* in the Fut. of these verbs appears as a *Quiescent* with *o* instead of a *Guttural*, as *יִאָכַל*, *יִאָמַר*. But as it is only in this single tense that they differ from other א"ס Gutt. verbs, we prefer to adopt the plan of Prof. Nordheimer in ranking them under the general head of *Guttural* verbs; giving at the same time their peculiar form of inflection in this tense.

Kal Future.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
תֹּאכְלֶנָּה		יֹאכְלֶיךָ	תֹּאכְלִי		יֹאכְלֶיךָ 3
תֹּאכְלֶנָּה		יֹאכְלֶיךָ	תֹּאכְלִי		יֹאכְלֶיךָ 2
	נֹאכְלִי			נֹאכְלִי	

2. The above is the usual form taken by Fut. Kal of these five verbs, in which we find final *e* instead of *o* merely for euphony's sake. Occasionally, however, the second radical takes *a*, e. g. תֹּאכֵל Gen. 2. 17, תֹּאכֵד Deut. 22. 3, יֹאכֵד Job 3. 3. Some of the other *ע"א* verbs partake of the peculiarities of these, e. g. אָחַז Fut. יֹאחֲזֶה 1 Kings 6. 10., וְיֹאחֲזֶה 2 Sam. 2. 21, וְיֹאחֲזֶה 6. 6, יֹאחֲזֶה Is. 13. 8, Jer. 13. 21; אָסַף Fut. יֹאסִיף Mic. 2. 12, יֹסִיף 2 Sam. 6. 1, Ps. 104. 29, for יֹאסִיף, in both of which instances *a* is omitted; so also תֹּאמֵר 2 Sam. 19. 14, for תֹּאמֵר, תֹּאמֵר 1 Sam. 28. 28. 24, for תֹּאמֵר. Verbs with *e* under the second radical change it into *z* or *ā* on receiving *ו* conversive, e. g. וְיֹאכְלֵי, וְיֹאכְלֵי. Those which have *o* for the first vowel omit the radical *a* in the first pers. sing., thus יֹאכֵל for יֹאכְלֵי; there is also an instance of this omission where the first vowel is *e*, viz. יֹאחֵב Prov. 8. 17, for יֹאחֵב=יֹאחֵב.

3. IMPERATIVE. Verbs of this class generally exhibit (יֹ) under *a*, as יֹאזֵר Job 38. 3, יֹאסֵף Num. 21. 16, יֹאחֵז Ex. 4. 4. In the other persons the forms are mostly regular, though we find יֹאסֵף Num. 11. 16, יֹאסֵף Job 33. 5, with *ח* paragogic and fem. sing. יֹאסֵפִי Is. 47. 2, יֹאסֵפִי (peculiar) Ruth 3. 15.

§ 55. NIPHAL.

1. The form exhibited in the paradigm is the usual one, though that with the rough enunciation is by no means unfrequent, as נִחְשֵׁב 1 Kings 10. 21, נִחְשְׁמָה Joel 1. 18, נִחְרֶה Deut. 4. 32, נִחְפֹּץ Josh. 8. 20. In נִחְשְׁמָה Num. 32. 30, Josh. 22. 9, from the verb נִחְשָׁה, the char. *n*, like the Fut. preformatives of Kal, takes the vowel *o*.

2. INFINITIVE. The common vowel of the first syllable is of the Segol class, as נִחְשֵׁב or נִחְשְׁבֵי (rough enunc.); but in the Infin. Abs. with final Holem it is Pattah, as נִחְשְׁבֵי.

3. FUTURE. The preformative with Tseri, because *e* rejects the Dagesh. The only anomalies are, תִּקְשֶׁה for תִּקְשֶׁה Ex. 25. 31. (with epenth. *י*), תִּקְרֶה for תִּקְרֶה Ezek. 26. 15.

NOTE. The Dageshed conjugations Piel, Pual, and Hithpael are perfectly regular in their mode of inflection ; nothing therefore is required to be said of them.

§ 56. HIPHIL.

1. **PRETERITE.** The exhibited form with (וּ) is the common one. We occasionally meet with instances of the rough enunciation, as הָעֲלִים 2 Kings 4. 27, הָחֲסִיר Ex. 18. 6. Vav conversive usually changes (וּ) into (וֹ) as being shorter, as הָעֲמַדְתָּ Ezek. 29. 7, וְהַבְרַחְתָּ Jer. 15. 14. Special anomalies are הָעֲבַרְתָּ for הָעֲבַרְתָּ Josh. 7. 7, and הָעֲלָה for הָעֲלָה Hab. 1. 15.

2. **INFINITIVE.** The first radical in א"ב verbs is occasionally omitted and the Pattah of the char. ה lengthened into Kamets, as הָכִיל הָאֲכִיל Ezek. 21. 33. In the Imp. also א is rejected, and ה takes Tseri, as הָחִיר for הָחִיר Is. 21. 14, Jer. 12. 9. Comp. § 26. 2.

3. **FUTURE.** Not unfrequently occurs with rough enunciation, as יִחְסִיר instead of יַחְסִיר Jer. 32. 6. Occasionally the radical א is omitted in the first pers. sing., and the preformative takes ה, as אָכַרְל for אָכַרְל Hos. 11. 4.

§ 57. HOPHAL.

1. **PRETERITE.** Scarcely any deviations from the usual form occur. We meet with הָחֲכַךְ (rough enunc.) Job 30. 15, instead of הִחַכְכָּה. We find הָעֲלָה for הָעֲלָה Nah. 2. 8. In the Inf. Abs. הִחַכְכָּה occurs Ezek. 16- 4, a form *sui generis*.

II. Verbs whose Second Radical is a Guttural.

§ 58. VERBS ע" GUTT. (זַעַק).

1. Verbs whose *middle* radical is a Guttural are, on this account, subject to analogous variations from the regular form with the foregoing ; as (a) In those persons and forms in which the middle radical would, in other cases, take a *simple* Sheva, it here takes a *composite*, and that for the most part Hateph Pattah (ְ) ; as יִחַקֵּה (יִחַקֵּה), בָּחֲנֵה (בָּחֲנֵה), תִּשְׁחַדֵּה (תִּשְׁחַדֵּה). (b) The last syllable of the Future and Imperative has for the most part Pattah, so that nearly all these verbs belong to those of Fut. a ; as Fut. יִזְעַק, Imp. זַעַק ; Fut. יִבְחַר, Imp. בָּחַר. The Inf. abs. and const. take Holem ; as זֶעַק, בָּחַר.

PARADIGM OF VERBS י" GUTTURAL.

	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
PRETERITE.							
<i>Sing.</i> 3 m.	זָעַם	נִזְעַם	בָּרַךְ	בִּרְךָ	הִזְעִים	הִזְעַם	הִתְבָּרַךְ
3 f.	זָעְמָה	נִזְעְמָה	בָּרְכָה	בִּרְכָה		הִזְעִמָה	הִתְבָּרְכָה
2 m.	זָעַמְתָּ	נִזְעַמְתָּ	בָּרַכְתָּ	בִּרְכָתָּ	&c.	הִזְעַמְתָּ	הִתְבָּרַכְתָּ
2 f.	זָעַמְתְּ	נִזְעַמְתְּ	בָּרַכְתְּ	בִּרְכָתְּ		הִזְעַמְתְּ	הִתְבָּרַכְתְּ
1 c.	זָעַמְתִּי	נִזְעַמְתִּי	בָּרַכְתִּי	בִּרְכָתִי		הִזְעַמְתִּי	הִתְבָּרַכְתִּי
<i>Plur.</i> 3 c.	זָעְמוּ	נִזְעְמוּ	בָּרְכוּ	בִּרְכוּ		הִזְעִמוּ	הִתְבָּרְכוּ
2 m.	זָעַמְתֶּם	נִזְעַמְתֶּם	בָּרַכְתֶּם	בִּרְכָתֶם		הִזְעַמְתֶּם	הִתְבָּרַכְתֶּם
2 f.	זָעַמְתֶּן	נִזְעַמְתֶּן	בָּרַכְתֶּן	בִּרְכָתֶן		הִזְעַמְתֶּן	הִתְבָּרַכְתֶּן
1 c.	זָעַמְנוּ	נִזְעַמְנוּ	בָּרַכְנוּ	בִּרְכָנוּ		הִזְעַמְנוּ	הִתְבָּרַכְנוּ
INFINITIVE.							
<i>Absol.</i>	זָעוּם	הִזְעֵם	בָּרוּךְ		הִזְעִים	הִזְעַם	
<i>Constr.</i>	זָעַם	הִזְעַם	בָּרַךְ	בִּרְךָ	הִזְעִים	הִזְעַם	הִתְבָּרַךְ
FUTURE.							
<i>Sing.</i> 3 m.	יִזְעַם	יִזְעַם	יִבְרַךְ	יִבְרַךְ	יִזְעִים	יִזְעַם	יִתְבָּרַךְ
3 f.	תִּזְעַם	תִּזְעַם	תִּבְרַךְ	תִּבְרַךְ		תִּזְעַם	תִּתְבָּרַךְ
2 m.	תִּזְעַם	תִּזְעַם	תִּבְרַךְ	תִּבְרַךְ	&c.	תִּזְעַם	תִּתְבָּרַךְ
2 f.	תִּזְעַמִּי	תִּזְעַמִּי	תִּבְרְכִי	תִּבְרְכִי		תִּזְעַמִּי	תִּתְבָּרְכִי
1 c.	אִזְעַם	אִזְעַם	אִבְרַךְ	אִבְרַךְ		אִזְעַם	אִתְבָּרַךְ
<i>Plur.</i> 3 m.	יִזְעְמוּ	יִזְעְמוּ	יִבְרְכוּ	יִבְרְכוּ		יִזְעְמוּ	יִתְבָּרְכוּ
3 f.	תִּזְעַמְנָה	תִּזְעַמְנָה	תִּבְרַכְנָה	תִּבְרַכְנָה		תִּזְעַמְנָה	תִּתְבָּרַכְנָה
2 m.	תִּזְעַמְוּ	תִּזְעַמְוּ	תִּבְרְכוּ	תִּבְרְכוּ		תִּזְעַמְוּ	תִּתְבָּרְכוּ
2 f.	תִּזְעַמְנָה	תִּזְעַמְנָה	תִּבְרַכְנָה	תִּבְרַכְנָה		תִּזְעַמְנָה	תִּתְבָּרַכְנָה
1 c.	נִזְעַם	נִזְעַם	נִבְרַךְ	נִבְרַךְ		נִזְעַם	נִתְבָּרַךְ
IMPERATIVE.							
<i>Sing.</i> 2 m.	זָעַם	הִזְעַם	בָּרַךְ		הִזְעַם		הִתְבָּרַךְ
2 f.	זָעְרִי	הִזְעְרִי	בָּרְכִי				הִתְבָּרְכִי
<i>Plur.</i> 2 m.	זָעְמוּ	הִזְעְמוּ	בָּרְכוּ		&c.		הִתְבָּרְכוּ
2 f.	זָעַמְנָה	הִזְעַמְנָה	בָּרַכְנָה				הִתְבָּרַכְנָה
PARTICIPLE.							
<i>Active.</i>	זָעַם		מְבָרַךְ		מִזְעִים		מִתְבָּרַךְ
<i>Passive.</i>	זָעוּם	נִזְעַם		מְבָרַךְ		מִזְעַם	

REMARKS.

§ 60. K A L.

In the Preter we find שָׁאַלְתִּי for שָׁאַלְתִּי 1 Sam. 1. 21, and שָׁאַלְתָּם for שָׁאַלְתָּם 1 Sam. 22. 13, and in the Future יִצְחָק for יִצְחָק Gen. 21. 6. The fem. Infinitives follow the usual analogy of Gutturals § 25. 4, as אֲחַבְּהָ, אֲחַבְּהָ, except וְעָמָה Num. 23. 7.

§ 61. P I E L.

The second radical not being capable of receiving its appropriate Dagesh forte, the *i* of the second is lengthened into *e* (§ 25. 8.), as בָּרַךְ for בָּרַךְ; and as וָעַם does not occur in this conjugation, we have with other grammarians adopted בָּרַךְ instead of it. The protraction of the *i*, however, though common before *א* is less so before ה, ת, and ע, as מָאָה 1 Sam. 28. 23, פָּאָר Is. 60. 7, אָמַר Gen. 34. 19; but סָחַר Lev. 14. 48, נָחַם Is. 51. 3, בָּעַר 2 Kings 23. 24. Yet נָאָץ occurs Ps. 10. 3. In the Infin. analogy properly requires the Pattah of the regular form (בָּטֵל) to be lengthened into Kamets, as in the paradigm. But before ה and ת it is seldom done; as, שָׁחַח, דָּחַל. The remark made above as to the non-protraction of Pattah, applies also to the Future; thus we have יִסְחָר, יִנְחָח, יִנְחָח. Both Vav conversive and Makkeph following shorten the last syllable in these words; as יִסְחָר, יִנְחָח. The same is also the case when a word of one syllable or a word having the tone on the first syllable follows; as יִסְחָר, יִנְחָח. The Participle sometimes follows the analogy of the Inf. and Fut. in not lengthening the Pattah; as מִסְחָר instead of מִסְחָר.

§ 62. P U A L.

When the second radical is ה, the *u* of the first is retained, as רָחַם Hos. 2. 25, רָחַם Hos. 14. 4, רָחַץ Prov. 30. 1.

§ 63. H I T H P A E L.

In those persons of the Preter in which the second radical originally has Pattah, but which is lengthened by pause accent into Kamets (§ 22. 2. *a.*), the Kamets of the first radical is changed into Segol, as וְחָמַתִּי for וְחָמַתִּי Ezek. 5. 13.

III. Verbs whose Third Radical is a Guttural.

§ 64. VERBS ל' GUTT. (שָׁמַע).

1. Verbs of this class are distinguished mainly by the following peculiarities:—

(a) In cases where the Guttural would properly have a Sheva, viz. before the affirmatives of the Preter, the vowel pointing, contrary to general analogy, is regular; as שָׁמַעְתָּ, שָׁמַעְתָּי, שָׁמַעְתָּם. As an exception to this the 2d pers. sing. fem. through all the forms takes a *Pattah furtive* under the Guttural, as שָׁמַעְתְּ instead of שָׁמַעְתְּ; so שָׁמַעְתְּ, שָׁמַעְתְּ, שָׁמַעְתְּ. Very seldom is the punctuation here like שָׁמַעְתְּ Gen. 28. 29, בָּלַעְתְּ Ps. 35. 25.

(b) When the Guttural is preceded by ו, ה, ר, impure, it takes *Pattah furtive*; as שָׁמַעְתְּ, שָׁמַעְתְּ, שָׁמַעְתְּ. The Inf. Const. in Kal follows the same analogy, having its Holem, contrary to common usage, immutable; as לְשָׁמַע, לְשָׁמַע.

(c) As these verbs have a strong affinity for *Pattah* we find the usual form of the Fut. and Imp. Kal is final *a*; as שָׁמַע, שָׁמַע; שָׁמַע, שָׁמַע. So the Fem. Part. Segol, שָׁמַע for שָׁמַע.

(d) The forms with final Tseri may retain it and put a *Pattah furtive* under the Guttural, as שָׁמַע; or they may substitute a *real Pattah* in their stead, as שָׁמַע. So also מְשַׁלַּח or מְשַׁלַּח.

PARADIGM OF VERBS ל" GUTTURAL.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	שָׁמַע	נִשְׁמַע	שָׁמַע	שָׁמַע	הִשְׁמִיעַ	הִשְׁמַע	הִשְׁתַּמֵּעַ
3 f.	שָׁמְעָה	נִשְׁמְעָה	שָׁמְעָה		הִשְׁמִיעָה		הִשְׁתַּמֵּעָה
2 m.	שָׁמַעְתָּ	נִשְׁמַעְתָּ	שָׁמַעְתָּ	&c.	הִשְׁמַעְתָּ	&c.	הִשְׁתַּמַּעְתָּ
2 f.	שָׁמַעְתְּ	נִשְׁמַעְתְּ	שָׁמַעְתְּ		הִשְׁמַעְתְּ		הִשְׁתַּמַּעְתְּ
1 c.	שָׁמַעְתִּי	נִשְׁמַעְתִּי	שָׁמַעְתִּי		הִשְׁמַעְתִּי		הִשְׁתַּמַּעְתִּי
<i>Plur.</i> 3 c.	שָׁמְעוּ	נִשְׁמְעוּ	שָׁמְעוּ		הִשְׁמִיעוּ		הִשְׁתַּמֵּעוּ
2 m.	שָׁמַעְתֶּם	נִשְׁמַעְתֶּם	שָׁמַעְתֶּם		הִשְׁמַעְתֶּם		הִשְׁתַּמַּעְתֶּם
2 f.	שָׁמַעְתֶּן	נִשְׁמַעְתֶּן	שָׁמַעְתֶּן		הִשְׁמַעְתֶּן		הִשְׁתַּמַּעְתֶּן
1 c.	שָׁמַעְנוּ	נִשְׁמַעְנוּ	שָׁמַעְנוּ		הִשְׁמַעְנוּ		הִשְׁתַּמַּעְנוּ
INFINITIVE.							
<i>Absol.</i>	שָׁמֹעַ	נִשְׁמָעַ	שָׁמַעַ				
<i>Constr.</i>	שֹׁמֵעַ	הֹשְׁמָעַ	שֹׁמַעַ	שֹׁמַעַ	הֹשְׁמִיעַ	הֹשְׁמַעַ	הֹשְׁתַּמֵּעַ
FUTURE.							
<i>Sing.</i> 3 m.	יִשְׁמַע	יִשְׁמָעַ	יִשְׁמַעַ	יִשְׁמַעַ	יִשְׁמִיעַ	יִשְׁמַעַ	יִשְׁתַּמֵּעַ
3 f.	יִשְׁמְעָה	יִשְׁמְעָה	יִשְׁמְעָה		יִשְׁמִיעָה		יִשְׁתַּמֵּעָה
2 m.	יִשְׁמַעְתָּ	יִשְׁמַעְתָּ	יִשְׁמַעְתָּ	&c.	יִשְׁמַעְתָּ	&c.	יִשְׁתַּמַּעְתָּ
2 f.	יִשְׁמַעְתְּ	יִשְׁמַעְתְּ	יִשְׁמַעְתְּ		יִשְׁמַעְתְּ		יִשְׁתַּמַּעְתְּ
1 c.	יִשְׁמַעְתִּי	יִשְׁמַעְתִּי	יִשְׁמַעְתִּי		יִשְׁמַעְתִּי		יִשְׁתַּמַּעְתִּי
<i>Plur.</i> 3 m.	יִשְׁמְעוּ	יִשְׁמְעוּ	יִשְׁמְעוּ		יִשְׁמִיעוּ		יִשְׁתַּמֵּעוּ
3 f.	יִשְׁמַעְנָה	יִשְׁמַעְנָה	יִשְׁמַעְנָה		יִשְׁמַעְנָה		יִשְׁתַּמַּעְנָה
2 m.	יִשְׁמַעְעוּ	יִשְׁמַעְעוּ	יִשְׁמַעְעוּ		יִשְׁמַעְעוּ		יִשְׁתַּמַּעְעוּ
2 f.	יִשְׁמַעְנָה	יִשְׁמַעְנָה	יִשְׁמַעְנָה		יִשְׁמַעְנָה		יִשְׁתַּמַּעְנָה
1 c.	נִשְׁמָעַ	נִשְׁמָעַ	נִשְׁמָעַ		נִשְׁמִיעַ		נִשְׁתַּמֵּעַ
IMPERATIVE.							
<i>Sing.</i> 2 m.	שָׁמַע	הִשְׁמַע	שָׁמַע		הִשְׁמַע		הִשְׁתַּמֵּעַ
2 f.	שָׁמְעִי	הִשְׁמְעִי	שָׁמְעִי		הִשְׁמְעִי		הִשְׁתַּמֵּעִי
<i>Plur.</i> 2 m.	שָׁמְעוּ	הִשְׁמְעוּ	שָׁמְעוּ		הִשְׁמְעוּ		הִשְׁתַּמֵּעוּ
2 f.	שָׁמַעְנָה	הִשְׁמַעְנָה	שָׁמַעְנָה		הִשְׁמַעְנָה		הִשְׁתַּמַּעְנָה
PARTICIPLES.							
<i>Active.</i>	שֹׁמֵעַ		שֹׁמַעַ		שֹׁמֵעַ		שֹׁמֵעַ
<i>Passive.</i>	שֹׁמֵעַ	נִשְׁמָעַ		שֹׁמֵעַ	שֹׁמֵעַ	שֹׁמֵעַ	שֹׁמֵעַ

CHAPTER VII.

§ 65. IRREGULAR VERBS.

1. We have already remarked (§ 31. 6.) that in denominating certain classes of Hebrew verbs *irregular*, we do not affix to the term the sense of *arbitrary anomalies* in the mode of flexion. The variations from the normal paradigm are all resolvable into the peculiar properties of certain letters, viz. the Quiescents א, ה, ו, י, ר, and the Liquid נ, and are in fact the *necessary* results of the affections to which they are, from their very nature, occasionally subject. As these peculiarities have been fully explained in previous parts of the Grammar (§§ 23, 31), it will be superfluous to repeat them here, and we proceed to specify the usual classification of this order of verbs. This is as follows:—

- (1.) Verbs whose first radical is נ, termed נ"ס, as נָגַשׁ.
- (2.) Verbs whose first radical is ר, termed ר"ס, as רָשַׁב.
- (3.) Verbs whose second radical is ר, termed ר"ע, as בָּרַךְ.
- (4.) Verbs whose second radical is ו, termed ע"ו, as קָוַם.
- (5.) Verbs whose second and third radicals are alike, termed ס"בב, as סָבַב.
- (6.) Verbs whose third radical is א, termed ל"א, as בָּצַא.
- (7.) Verbs whose third radical is ה, termed ל"ה, as בָּלַה.

I. Verbs whose First Radical is Nun.

§ 66. VERBS נ"ס (נָגַשׁ).

1. The tendency of נ to assimilation has been already adverted to (§ 24. 4.); consequently the distinguishing characteristic of these verbs is, that in all the forms in which נ comes at the end of a syllable it is assimilated to the succeeding letter, and is expressed by a Dagesh forte; as Fut. Kal רָגַשׁ for נָגַשׁ, Pret. Niph. נָגַשׁ for נָגַשׁ, Pret. Hiph. הָגַשׁ for נָגַשׁ. In addition to this the Inf. Const. and the Imp. usually drop the initial Nun in the manner of verbs Pe Yod, as נָשַׁק for נָשַׁק; נָשׂוּא for נָשׂוּא. In this latter case, however, the Imp.

more commonly takes the paragogic form, as נָשָׂא instead of נָש ; תָּנַח instead of תָּח . Still these modes very frequently preserve the radical נ even when the Fut. assimilates it; as Fut. יָנַס , Imp. נָס ; Fut. יָחַץ , Inf. יָחַץ . Where the initial נ is dropped the Inf. usually takes a Segolate form in order to distinguish it from the Imperative; as נָשָׂה , נָחַה , from נָש and נָח .

2. Of the remaining forms, the Pret., Inf. Abs. and Part. of Kal, all Piel, Pual, and Hithpael, are entirely regular. It is to be observed, moreover, that verbs Pe Nun whose second radical is a Guttural are generally regular, or in other words exclude the *peculiarities* of this class. Thus יָנַחַל , יָנַחַץ , &c., where the Dagesh compensative being necessarily excluded the נ remains. A few cases occur where the נ drops out from this class of verbs also; as Niph. נָחַס for נָחַס ; נָחַח for נָחַח , but תָּנַחַח 2d pers.

3. In Hophal, as in Kal, Niphil and Hiphil, the נ is assimilated to the letter following; but the preformative throughout takes נ (,) instead of ס (,) §§ 47. 1, and 48. 1; as נָחַשׁ for נָחַשׁ , נָחַשׁ for נָחַשׁ .

4. The verb לָקַח conforms strikingly to the analogy of this class of verbs, its first radical suffering assimilation and rejection in the same manner as נ . Thus Imp. קַח (seldom לָקַח Ex. 29. 1), קָחָה , קָחָה , קָחָה (seldom לָקַחְתִּי 1 Kings 17. 11); Fut. יָקַח ; Inf. Abs. לָקַחַת , Const. קָחָה , once קָחָה 2 Kings 12. 9, with Inf. קָחָהּ ; Fut. Hoph. יִקָּח , but Niph. invariably לָקַח .

PARADIGM OF VERBS נ"ד.

	PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	נָגַשׁ	נָגַשׁ	נָגַשׁ	נָגַשׁ	נָגַשׁ	הִנְגִּישׁ	הִנְגַּשׁ	הִתְנַגֵּשׁ
3 f.	נָגַשְׁתָּ	נָגַשְׁתָּ	נָגַשְׁתָּ			הִנְגִּישְׁתָּ	הִנְגַּשְׁתָּ	
2 m.	נָגַשְׁתָּ	נָגַשְׁתָּ	נָגַשְׁתָּ	&c.	&c.	הִנְגִּישְׁתָּ	הִנְגַּשְׁתָּ	&c.
2 f.	נָגַשְׁתְּ	נָגַשְׁתְּ	נָגַשְׁתְּ			הִנְגִּישְׁתְּ	הִנְגַּשְׁתְּ	
1 c.	נָגַשְׁתִּי	נָגַשְׁתִּי	נָגַשְׁתִּי			הִנְגִּישְׁתִּי	הִנְגַּשְׁתִּי	
<i>Plur.</i> 3 c.	נָגַשׁוּ	נָגַשׁוּ	נָגַשׁוּ			הִנְגִּישׁוּ	הִנְגַּשׁוּ	
2 m.	נָגַשְׁתֶּם	נָגַשְׁתֶּם	נָגַשְׁתֶּם			הִנְגִּישְׁתֶּם	הִנְגַּשְׁתֶּם	
2 f.	נָגַשְׁתֶּן	נָגַשְׁתֶּן	נָגַשְׁתֶּן			הִנְגִּישְׁתֶּן	הִנְגַּשְׁתֶּן	
1 c.	נָגַשְׁנוּ	נָגַשְׁנוּ	נָגַשְׁנוּ			הִנְגִּישְׁנוּ	הִנְגַּשְׁנוּ	
INFINITIVE.								
<i>Absol.</i>	נָגַשׁ	הִנְגִּישׁ	נָגַשׁ	נָגַשׁ	נָגַשׁ	הִנְגִּישׁ	נָגַשׁ	
<i>Constr.</i>	נָגַשׁ	הִנְגִּישׁ	נָגַשׁ	נָגַשׁ	נָגַשׁ	הִנְגִּישׁ	נָגַשׁ	הִתְנַגֵּשׁ
FUTURE.								
<i>Sing.</i> 3 m.	יִנְגַּשׁ	יִנְגַּשׁ	יִנְגַּשׁ	יִנְגַּשׁ	יִנְגַּשׁ	יִנְגִּישׁ	יִנְגַּשׁ	יִתְנַגֵּשׁ
3 f.	תִּנְגַּשׁ	תִּנְגַּשׁ	תִּנְגַּשׁ			תִּנְגִּישׁ	תִּנְגַּשׁ	
2 m.	תִּנְגַּשׁ	תִּנְגַּשׁ	תִּנְגַּשׁ	&c.	&c.	תִּנְגִּישׁ	תִּנְגַּשׁ	&c.
2 f.	תִּנְגַּשְׁי	תִּנְגַּשְׁי	תִּנְגַּשְׁי			תִּנְגִּישְׁי	תִּנְגַּשְׁי	
1 c.	אֶנְגַּשׁ	אֶנְגַּשׁ	אֶנְגַּשׁ			אֶנְגִּישׁ	אֶנְגַּשׁ	
<i>Plur.</i> 3 m.	יִנְגַּשׁוּ	יִנְגַּשׁוּ	יִנְגַּשׁוּ			יִנְגִּישׁוּ	יִנְגַּשׁוּ	
3 f.	תִּנְגַּשְׁנָה	תִּנְגַּשְׁנָה	תִּנְגַּשְׁנָה			תִּנְגִּישְׁנָה	תִּנְגַּשְׁנָה	
2 m.	תִּנְגַּשְׁוּ	תִּנְגַּשְׁוּ	תִּנְגַּשְׁוּ			תִּנְגִּישְׁוּ	תִּנְגַּשְׁוּ	
2 f.	תִּנְגַּשְׁנָה	תִּנְגַּשְׁנָה	תִּנְגַּשְׁנָה			תִּנְגִּישְׁנָה	תִּנְגַּשְׁנָה	
1 c.	נָגַשׁ	נָגַשׁ	נָגַשׁ			נָגִישׁ	נָגַשׁ	
IMPERATIVE.								
<i>Sing.</i> 2 m.	נָגַשׁ	הִנְגִּישׁ	נָגַשׁ			הִנְגִּישׁ		הִתְנַגֵּשׁ
2 f.	נָגַשְׁי	הִנְגִּישְׁי	נָגַשְׁי			הִנְגִּישְׁי		
<i>Plur.</i> 2 m.	נָגַשׁוּ	הִנְגִּישׁוּ	נָגַשׁוּ	&c.		הִנְגִּישׁוּ		&c.
2 f.	נָגַשְׁנָה	הִנְגִּישְׁנָה	נָגַשְׁנָה			הִנְגִּישְׁנָה		
PARTICIPLE.								
<i>Active.</i>	נָגַשׁ		מְנַגֵּשׁ			מְנַגֵּשׁ		מְתַנַּגֵּשׁ
<i>Passive.</i>	נָגַשׁ	נָגַשׁ			מְנַגֵּשׁ		מְנַגֵּשׁ	

REMARKS.

§ 67. KAL.

1. **INFINITIVE.** The usual form of the Const. is נָשָׂה, yet the normal form with נ radical is most frequent, as נָגַע Gen. 20. 6, נָצַר Prov. 2. 8, נָקַט Ezek. 24. 8. In some verbs both forms are used, as נָשַׁע and נָשַׁע; נָגַע and נָגַע; נָחַךְ and נָחַךְ (contr. for נָחַךְ). Fem. form with suffix נָשַׁחַר.

2. **FUTURE.** The final vowel in this tense is sometimes Pattah and sometimes Holem, as נָגַשׁ, Deut. 15. 2. נָקַח Lev. 24. 11, נָשַׁח, Gen. 41. 40, נָשַׁל Deut. 28. 30. Some verbs exhibit a twofold form of the Fut. as נָדַח and נָדַח; נָשַׁח and נָשַׁח. The verb נָחַךְ makes Fut. נָחַךְ.

3. **IMPERATIVE.** The Imperative, like the Inf. and Fut., frequently drops its radical Nun, though the full regular form is not seldom met with; as נָשַׁח, נָדַח, נָקַח. The following are the most common apocopated forms; viz. נָשׁ, נָשׁ, נָשׁ (before Makkeph); נָחַךְ (from נָחַךְ); נָשׁ. But נָשַׁח Ruth 2. 14, and נָשַׁח Josh. 3. 9, are anomalies.

§ 68. NIPHAL.

1. **PRETERITE.** The Preter, from its dropping the radical נ and inserting Dagesh, or prolonging the vowel, is identical in form with Piel, and can only be distinguished in many cases by the sense which the context requires; as נִפְחַס, Niph. and Pi. נִפְחַס. One instance occurs with final Holem, נִמְוֹל, Gen. 17. 26; Part. נִמְוֹלִים Gen. 34. 22. Also once Part. נִדְחָה with suff. ה, Deut. 30. 4.

2. **INFINITIVE.** In the Inf. Abs. we have the following forms; נָגַח, Jud. 20. 39, נִדְחָה Ps. 68. 3, נִנְחָה Jer. 32. 4.

§ 69. HIPHIL.

1. **PRETERITE.** The Nun is sometimes retained, particularly where the second radical is a Guttural, as נִנְחָה Jer. 3. 18.

2. **INFINITIVE.** Here also we find the נ occasionally retained, as נִנְחָה Ezek. 22. 20, נִנְחָה (נִנְחָה). The form נִנְחָה for נִנְחָה Jer. 31. 5, is irregular.

3. **FUTURE.** The Tseri termination is by no means of infrequent occurrence here, as נִנְחָה, also נִנְחָה (נ omitted). With Gutturals we have the form נִנְחָה, whence by contraction נִנְחָה, נִנְחָה, נִנְחָה.

A special anomaly is וַיִּזְדֹּר for וַיִּזְדֹּר Gen. 25. 29. Also וַיִּכְרְחוּ for וַיִּכְרְחוּ Num. 14. 45.

II. Verbs whose First Radical is Yod.

1. The verbs so denominated may be comprised in three classes, two of which are founded on a difference of origin, the third merely on a peculiar mode of inflection. They are as follows:—

(1) Such as have originally a Vav for their first radical; as וָלַד = וָלַד.

(2) Such as have their first radical properly Yod; as וָשַׁב.

(3) Such as have their first radical assimilated in the Fut. &c., like verbs Pe Nun, § 66; thus from Pret. Kal. וָצַח the Fut. וָצַח (וָצַח) loses its *radical* (ו) and retains only (ו) *preformative*, with Dagesh compensative in the next letter.

§ 70. Verbs ע" Yod—1st Class.

(Originally Pe Vav.)

1. The peculiarities of this class are as follows:—

(a) The Future in very many verbs has final *e* (..), in which case the first Yod quiesces in Tseri, but falls out at the same time, as וָשַׁב (וָשַׁב) contr. וָשַׁב from וָשַׁב; וָלַד (וָלַד) contr. וָלַד from וָלַד.

(b) The Tseri termination occurs also in the Inf. Const. and Imp., and then the initial (ו) drops away by aphæresis; as Inf. וָשַׁב for וָשַׁב; Imp. וָשַׁב for וָשַׁב.

(c) The original Vav appears in Niphil, Hiphil, and Hophal; as Niph. וָשַׁב (וָשַׁב), Hiph. וָשַׁב (וָשַׁב), Hoph. וָשַׁב (וָשַׁב); but in these conjugations it will be observed that it is *quiescent* except in the Inf., Fut. and Imp. of Niphil, where it is moveable; as Inf. וָשַׁב, Fut. וָשַׁב.

NOTE. This original Vav also often discloses itself in *derivative Nouns*, especially such as begin with the formative letters מ or ת; as מוֹרֵד (from וָרַד and וָרַד); but וָלַד and וָרַד (from וָלַד and וָרַד) are less frequent.

PARADIGM OF VERBS D" YOD—CLASS I.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	רָשָׁב	נִרְשָׁב	רָשַׁב	רִשַּׁב	הוֹרְשִׁיב	הוֹרְשָׁב	הִתְרַשְּׁב
3 f.	רָשְׁבָה	נִרְשְׁבָה			הוֹרְשִׁיבָה	הוֹרְשָׁבָה	
2 m.	רָשַׁבְתָּ	נִרְשַׁבְתָּ	&c.	&c.	הוֹרְשִׁיבְתָּ	הוֹרְשָׁבְתָּ	&c.
2 f.	רָשַׁבְתְּ	נִרְשַׁבְתְּ			הוֹרְשִׁיבְתְּ	הוֹרְשָׁבְתְּ	
1 c.	רָשַׁבְתִּי	נִרְשַׁבְתִּי			הוֹרְשִׁיבְתִּי	הוֹרְשָׁבְתִּי	
<i>Plur.</i> 3 c.	רָשְׁבוּ	נִרְשְׁבוּ			הוֹרְשִׁיבוּ	הוֹרְשָׁבוּ	
2 m.	רָשַׁבְתֶּם	נִרְשַׁבְתֶּם			הוֹרְשִׁיבְתֶּם	הוֹרְשָׁבְתֶּם	
2 f.	רָשַׁבְתֶּן	נִרְשַׁבְתֶּן			הוֹרְשִׁיבְתֶּן	הוֹרְשָׁבְתֶּן	
1 c.	רָשַׁבְנוּ	נִרְשַׁבְנוּ			הוֹרְשִׁיבְנוּ	הוֹרְשָׁבְנוּ	
INFINITIVE.							
<i>Absol.</i>	רְשֹׁב						
<i>Constr.</i>	רְשֻׁבָּה	הוֹרְשָׁב	רָשַׁב	רִשַּׁב	הוֹרְשִׁיב	הוֹרְשָׁב	הִתְרַשְּׁב
FUTURE.							
<i>Sing.</i> 3 m.	רָשַׁב	יִרְשַׁב	יִרְשַׁב	יִרְשַׁב	יִהְיֶיב	יִהְיֶיב	יִתְרַשְּׁב
3 f.	תִּרְשַׁב	תִּרְשַׁב			תִּהְיֶיב	תִּהְיֶיב	
2 m.	תִּרְשַׁב	תִּרְשַׁב	&c.	&c.	תִּהְיֶיב	תִּהְיֶיב	&c.
2 f.	תִּרְשַׁבִּי	תִּרְשַׁבִּי			תִּהְיֶיבִי	תִּהְיֶיבִי	
1 c.	אֶרְשַׁב	אֶרְשַׁב			אֶהְיֶיב	אֶהְיֶיב	
<i>Plur.</i> 3 m.	יִרְשְׁבוּ	יִרְשְׁבוּ			יִהְיֶיבוּ	יִהְיֶיבוּ	
3 f.	תִּרְשַׁבְנָה	תִּרְשַׁבְנָה			תִּהְיֶיבְנָה	תִּהְיֶיבְנָה	
2 m.	תִּרְשַׁבוּ	תִּרְשַׁבוּ			תִּהְיֶיבוּ	תִּהְיֶיבוּ	
2 f.	תִּרְשַׁבְנָה	תִּרְשַׁבְנָה			תִּהְיֶיבְנָה	תִּהְיֶיבְנָה	
1 c.	נִשְׁב	נִרְשַׁב			נִהְיֶיב	נִהְיֶיב	
IMPERATIVE.							
<i>Sing.</i> 2 m.	רְשֵׁב	הוֹרְשָׁב	רָשַׁב		הוֹרְשִׁיב		הִתְרַשְּׁב
2 f.	רְשִׁיבִי	הוֹרְשִׁיבִי			הוֹרְשִׁיבִי		
<i>Plur.</i> 2 m.	רְשְׁבוּ	הוֹרְשָׁבוּ	&c.		הוֹרְשִׁיבוּ		&c.
2 f.	רְשַׁבְנָה	הוֹרְשַׁבְנָה			הוֹרְשִׁיבְנָה		
PARTICIPLES.							
<i>Active.</i>	רֹשֵׁב		מִרְשֵׁב		מוֹרְשִׁיב		מִתְרַשֵּׁב
<i>Passive.</i>	רְשֻׁב	נִרְשָׁב		מִרְשָׁב		מוֹרְשָׁב	

REMARKS.

§ 71. K A L.

1. **FUTURE.** The twofold termination of Tseri and Pattah obtains here, as רִלֵךְ and רִלֶךְ; the latter of course uniformly before the Gutturals. The removal of the tone shortens Tseri into Segol, as רִשֶׁב, אֶלֶךְ-לִי. Hireq not unfrequently appears instead of Tseri, as רִשֶׁב, רִשֶׁר, רִשֶׁם.

Anomalies.

אֶלֶכָה for אֶלְכָה Mic. 1. 8. תִּלְכָּהּ for תִּלְכֶּה Ezek. 23. 4.
 אִישׁ " אִשׁ Ps. 13. 14. תִּלְכָּהּ " תִּלְכֶּה Ruth 1. 11.
 אִינֶם " אִינֶם Job 72. 44. אִיכָל " אִיכָל 1 Sam. 5. 16.
 רִיבֶר " רִיבֶר Ps. 72. 14. וְיִחַמְדוּ " וְיִחַמְדוּ or וְיִחַמְדוּ Gen. 30. 88.
 נִאֲחַת " נִאֲחַת Gen. 34. 15. וְיִרְדַּע Ps. 38. 6, altogether anomalous.
 וְיִרְצֶר } וְיִרְצֶה Is. 49. 20, ה par., tone retract.
 וְיִרְצֶר } for וְיִרְצֶה Gen. 2. 7. וְיִרְצֶה Gen. 30. 39, masc. י for fem. ה.

2. **INFINITIVE.** The Inf. Abs. is regular. The Inf. Const. seldom appears in any other than the fem. Segolate form, as שִׁבְתָּ, רִבְתָּ. Occasionally we meet with another fem. form, as לִיְדָה from לִידָה; וְיִדַּע from יָדַע. With a Guttural Pattah is used of course, as וְיַעַת not יַעַת.

Anomalies.

וְיַעַת for יַעַת Prov. 24. 14. Segol for Kamets. Perhaps imperative.
 לִרְאָה " לִרְאָה 1 Sam. 18. 29.
 לִלְחָה " לִלְחָה 1 Sam. 4. 19. by contraction.
 צִאָה " צִאָה or צִאָה Judg. 9. 29.
 יִבְשָׁה Gen. 8. 7. } mixed forms comp. of Inf. Abs. and Const.
 יִכְלָה Num. 14. 16, }
 שׁוּב Jer. 42 10. (for יִשׁוּב by aphæresis of י).
 יִבְיוֹשׁ Is. 27. 11, (formed from יִבְיוֹשׁ according to § 26. 5).
 יִסְוֹד Is. 51. 16. (formed from יִסְוֹד id.)

3. **IMPERATIVE.** Several verbs here have Pattah, as דַּע, הֵב, דַּע, רַשׁ (Kamets on account of accent). Where the Fut. is Tseri the Imp. usually takes a paragogic ה, as לִקְהַ (לִקְהַ). When the tone is brought back to the penult, the Tseri is restored, as רִדָּה. From יִהֵב we have both הִקְהַ (ה parag.) and הִקְהַ. לִקְהַ with apocope of ה (לִקְהַ) occurs Ruth 1. 11; יִרְאָה makes Imper. 2 pers. pl. יִרְאָה instead of יִרְאָה to distinguish from Fut. 3d. pers. pl. יִרְאָה.

§ 72. NIPHAL.

1. **PRETERITE.** The following vary somewhat from the usual form ; נִעְדָּתִי (Vav omitted) Ex. 25. 22, for נִעְדָּתִי ; נִינְלָדָה 1 Chron. 3. 5 (Dag. euphonic), a compound form from Pu. נִלְדָּה and Niph. נִלְדָּה.

2. **INFINITIVE.** The first radical here takes Dagesh by way of compensation for the נ excluded, as the form fully written out would be הִנְנִישׁב. So הִנְנִישׁל for הִנְנִישׁל.

3. **FUTURE.** The Yod is here sometimes retained instead of being exchanged for the original Vav ; as יִנְרָה Ex. 19. 13, יִנְחֵל Gen. 8. 12 (with tone retracted). In the first pers. sing. א always has Hireq instead of the usual Segol, as אִנְשָׁב, אִנְלָד instead of אָנְשָׁב, אָנְלָד. With Gutturals the final vowel is, according to analogy, Pattah, as יִנְרַעַץ.

4. **PARTICIPLE.** Anomalies are נִנְגֵּר Zeph. 3. 18, instead of נִנְגֵּר ; נִנְגוּחַ Lam. 1. 4, for נִנְגוּחַ ; נִנְקַשׁ for נִנְקַשׁ Ps. 9. 17.

§ 73. PIEL.

The only exception is in the Future, which preceded by Vav conversive, drops the first of its Yods, and writes it by a Dagesh in the second, as וַיִּבְשָׁחוּ Nah. 1. 4, for וַיִּבְשָׁחוּ ; וַיִּנְחָה Lam. 3. 33, for וַיִּנְחָה.

§ 74. HIPHIL.

1. **PRETERITE.** The Vav is sometimes here suppressed, as הִרְיֵשׁ, הִלְרֵד ; but rarely the Yod, as הִרְרֵד. Once הִרְדַּעְתִּי for הִרְדַּעְתִּי 1 Sam. 21. 2, הִוְשַׁבְתִּים for הִוְשַׁבְתִּים, Zech. 10. 6.

2. **INFINITIVE.** The final vowel is sometimes Tseri, following the apocopate form of the future. Occasionally Yod is inserted with the Tseri, as הִוְלִיד Is. 59. 4. We also meet with הִלְחִינִי 1 Sam. 14. 19, for הִלְחִינִי ; and with הִוְשַׁרְבִּי Ps. 113. 8, with ו paragogic.

3. **FUTURE.** The characteristic of this conjugation (ה) is ordinarily excluded, but in the following cases it is retained :

יִוְשַׁרְעַי Ps. 116. 6. יִוְשַׁרְעַי for יִוְשַׁרְעַי Ps. 28. 7.

יִוְדָה " יִוְדָה Neh. 11. 17. יִוְדָה " יִוְדָה Ps. 81. 6.

With Vav conversive and retracted tone יִוְלָד instead of יִוְלָד (יִוְלָד). The Vav is sometimes defectively written, as יִוְלָד for יִוְלָד. Also א epenthetic inserted, as יִוְלָד for יִוְלָד, Hos. 7. 12.

4. **IMPERATIVE.** With ה paragogic Hireq is usually retained; as הוֹשִׁיעָה (contracted to הוֹשֶׁעַ). The Vav is sometimes retained moveable, as הוֹשֶׁר for הוֹשֵׁר Ps. 5. 9; הוֹצֶא for הוֹצֵא Gen. 18. 17. The margin however in these cases exhibits הוֹשֵׁר and הוֹצֵא.

§ 75. HITHPAEL.

1. This conjugation, like Piel, is regular. The only exceptions worthy of notice are, that it sometimes retains the original Vav, which it uses as moveable instead of Yod, as הִתְרוֹדַע instead of הִתְדַּע Lev. 5. 5; הִתְרַבַּח instead of הִתְרַבַּח Mic. 6. 2.

§ 76. Verbs ד" Yod—2d Class.

(Originally Pe Yod.)

1. The flexion of this class is marked by the following peculiarities; viz. (a) The Fut. of Kal presents a threefold variety of form; as יִרְטֵב, יִרְצֵר, and יִרְטֵב. Retraction of the tone as usual changes Tseri into Segol, as יִרְצֵר. (b) In Hiphil the original Yod remains and quiesces in Tseri, as הִרְטֵב, הִרְצֵר, הִרְטֵב.

2. Niphal, in verbs of this class, does not occur. The Dageshed conjugations are regular throughout; as Piel יִרְטֵב, Pual יִרְטֵב, Hith. הִרְטֵב. Hophal conforms to the model in the preceding class, הוֹרְטֵב. Hiphil alone therefore distinguishes this class from the first class of verbs Pe Yod. For this reason only Kal and Hiphil are given in full.

3. In the Pret. of Hiph. the form is often written defectively, as הִרְטֵב instead of הִרְטִיב, הִרְצֵר instead of הִרְצִיר. In the Fut. of Hiph. a moveable Yod instead of Yod quiescent sometimes appears, as יִרְשִׁירו Prov. 3. 25, אִרְשִׁיר Hos. 7. 2. The following forms are altogether anomalous; viz. יִרְטֵב Job 24. 21, יִרְצֵר Is. 15. 2, as also יִרְדֵּעַ Ps. 138. 6, Fut. of Kal.

PARADIGM OF D' YOD VERBS—CLASS II.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	רָטַב		רָטַב	רָטַב	הִרְטִיב	חֻטַּב	הִתְרַטַּב
3 f.	רָטְבָה				הִרְטִיבָה		
2 m.	רָטַבְתָּ		&c.	&c.	הִרְטַבְתָּ		
2 f.	רָטַבְתְּ				הִרְטַבְתְּ		
1 c.	רָטַבְתִּי				הִרְטַבְתִּי		
<i>Plur.</i> 3 c.	רָטְבוּ				הִרְטִיבוּ		
2 m.	רָטַבְתֶּם				הִרְטַבְתֶּם		
2 f.	רָטַבְתֶּן				הִרְטַבְתֶּן		
1 c.	רָטַבְנוּ				הִרְטַבְנוּ		
INFINITIVE.							
<i>Absol.</i>	רְטֹב					חֻטַּב	הִתְרַטַּב
<i>Constr.</i>	רַטֵּב		רַטֵּב	רַטֵּב	הִרְטִיב		
FUTURE.							
<i>Sing.</i> 3 m.	יִרְטַב		יִרְטַב	יִרְטַב	יִרְטִיב	יֻטַּב	יִתְרַטַּב
3 f.	תִּרְטַב				תִּרְטִיב		
2 m.	תִּרְטַב		&c.	&c.	תִּרְטִיב	&c.	&c.
2 f.	תִּרְטְבִי				תִּרְטִיבִי		
1 c.	אִרְטַב				אִרְטִיב		
<i>Plur.</i> 3 m.	יִרְטְבוּ				יִרְטִיבוּ		
3 f.	תִּרְטַבְנָה				תִּרְטַבְנָה		
2 m.	תִּרְטְבוּ				תִּרְטִיבוּ		
2 f.	תִּרְטַבְנָה				תִּרְטַבְנָה		
1 c.	נִרְטַב				נִרְטִיב		
IMPERATIVE.							
<i>Sing.</i> 2 m.	רַטֵּב		רַטֵּב		הִרְטֵב		הִתְרַטֵּב
2 f.	רַטְבִי				הִרְטִיבִי		
<i>Plur.</i> 2 m.	רַטְבוּ		&c.		הִרְטִיבוּ		&c.
2 f.	רַטְבְּנָה				הִרְטַבְנָה		
PARTICIPLE.							
<i>Active.</i>	יוֹטֵב				מִרְטִיב	מוֹטֵב	מִתְרַטֵּב
<i>Passive.</i>	רָטוּב		מְרִטֵּב	מְרִטֵּב			

§ 77. *Verbs ד" Yod—3d Class.*

(Assimilating Yod.)

1. The grand peculiarity of these verbs is the assimilation of Yod in the Fut. of Kal, in Niphal, Hiphil, and Hophal, as רָצַח, Niph. נָצַח, Hiph. הִרְצִיחַ, Hoph. הִרְצַח. In this respect they plainly conform to the model of פ"נ § 66, and in many cases it is perhaps impracticable to determine whether the original roots of these verbs were of פ"נ or פ"ד class. Four verbs only belong wholly to this class, viz. רָצַח, נָצַח, רָצַע, רָצַע. Five others partake partly of the peculiarities of this, and partly of the other classes, viz. רָסַד, רָסַר, רָצַק, רָצַר, רָצַר.

2. As the conjugations Niphal, Hiphil, and Hophal are inflected precisely in the same manner as פ"ד verbs, it will be sufficient to give merely the paradigm of Kal.

PARADIGM OF ד" YOD VERBS—CLASS III.

Preterite.

Fem.	PLURAL.		Fem.	SINGULAR.	
	Com.	Masc.		Com.	Masc.
	רָצַחַת		רָצַחַת		רָצַח 3
רָצַחַת		רָצַחַת	רָצַחַת		רָצַחַת 2
	רָצַחְתֶּם			רָצַחְתִּי	1

*Infinitive.**Abs.* רָצַחַת*Future.*

רָצַחְתִּי	רָצַחְתָּ	רָצַחְתָּ	רָצַח 3
רָצַחְתֶּם	רָצַחְתֶּם	רָצַחְתֶּם	רָצַח 2
	רָצַחְתֶּם		רָצַח 1

Imperative.

(wanting)

Participles.

רָצַחְתִּי	רָצַחְתֶּם	רָצַחְתָּ } רָצַחְתָּ }	רָצַח Act.
------------	------------	----------------------------	------------

III. *Verbs whose Second Radical is Yod.*

§ 78. VERBS ר"ע (בין).

1. These verbs have so close an analogy with the ensuing class (פ"נ § 80), that many of the older grammarians, as Buxtorf, Al-

ting, Danz, Simonis, and others, maintained that they ought not to be considered as constituting a distinct species. They accounted for such forms as בִּינִי, בִּינִי, &c., by supposing that they were of the Hiph. conjugation of ר"ע verbs, of which the characteristic ה had somehow suffered aphæresis; thus making the above forms equivalent to הִבִּינִי, הִבִּינִי. This is also the theory of Ewald. Prof. Nordheimer, on the contrary, adopts the conclusion that the medial Yod does not form an essential part of the root, which consists of two strong immutable consonants, containing the fundamental idea of the verb; but that between these the weak letter י is inserted to complete the usual trilateral form. As the true theory respecting this class of roots is yet involved in considerable uncertainty, we shall content ourselves, without attempting a decision, with the simple exhibition of the paradigm of Kal, leaving the others to be collected from that of קים.

PARADIGM OF THE KAL CONJUGATION OF VERBS ר"ע.

Preterite.

PLURAL.			SINGULAR.		
Fem.	Com.	Masc.	Fem.	Com.	Masc.
	בָּנָה		בָּנָה		בָּן 3
בָּנָה		בָּנָה	בָּנָה		בָּנָה 2
	בָּנָה		בָּנָה		1
OR					
	בִּינָה		בִּינָה		בִּין 3
בִּינָה		בִּינָה	בִּינָה		בִּינָה 2
	בִּינָה		בִּינָה		1

Infinitive.

בִּין Const. בִּין Absol.

Future.

בִּינָה	בִּינָה	בִּינָה	בִּין 3
בִּינָה	בִּינָה	בִּינָה	בִּין 2
	בִּין	בִּין	1

Imperative.

בִּין	בִּין	בִּין 2
-------	-------	---------

Participles.

בִּין	בִּין	בִּין
-------	-------	-------

REMARKS.

§ 79. K A L.

1. **PRETERITE.** In the three verbs **יָרַב, בָּרַךְ, יָרַג** the Preter has Yod with Hireq instead of usual form, and where this is the case the epenthetic **י** is inserted before the formative suffixes beginning with a consonant, as **בָּרַכְתִּי, יָרַבְתִּי, יָרַגְתִּי**. All the other cases of the Preter conform to that of verbs ע"ו.—In the Part. beside the usual form **בָּרַךְ**, we meet once with **לְבָרֵךְ**, Neh. 13. 21, also once with regular **מְבָרֵךְ** from **אָרַב**.

2. **FUTURE.** This corresponds in all respects to Fut. Hiph. of verbs ע"ו, as is evident from the paradigm. So also in the apocopated forms, as **יָרַב, יָרַשׁ, יָרַךְ, יָרַל**. Pattah for Tseri appears with the Gutturals, as **יָרַח**, and also in pause, as **יָרַח**.

IV. Verbs whose Second Radical is Vav.

§ 80. VERBS ו"ו (וָו).

1. To this class belong all those verbs whose second radical is **ו**, and whose root throughout in Kal, Niphal, Hiphil and Hophal, becomes by contraction *monosyllabic*; as orig. **כָּוַם**, contr. Kal **כָּם**, Niph. **כָּוַם** Hiph. **כָּוַם**, Hoph. **כָּוַם**. The law of contraction here depends upon the principles stated § 26. I. 1–4, in respect to **ו** and **י**. From what is there said it appears that where the vowel under **ו** or **י** is peculiarly important, as is the final vowel of every triliteral root, § 31. 2, it then remains with elision of the weak **ו** or **י**, yet so far modified, that a short vowel is changed into its corresponding long, just as if two vowels had coalesced; thus **כָּוַם** (§ 26. II. 4.) is changed into **כָּוַם**; **כָּוַם** (כָּוַם) into **כָּוַם**; **כָּוַם** into **כָּוַם**; **כָּוַם** into **כָּוַם**. This long vowel, however, in the 2d and 1st pers. pret. is again shortened, as **כָּוַם, כָּוַם**.

2. The preformatives of the Future of Kal, Preter of Niph., and of the whole of Hiph. and Hoph. consisting of a simple syllable before the monosyllabic root, arise from the normal formation according to the principles stated §§ 8. 3, and 27. 7, as **יָכַם** for **יָכַם**, **יָכַם** for **יָכַם**, **יָכַם** for **יָכַם**.

3. In the Pret. of Niph. and Hiph. the semi-vowel **ו** is inserted before the affirmative of the first and second person, in order to avoid a certain hardness of enunciation inseparable from the regular form, as **יָכַם** instead of **יָכַם**, **יָכַם** instead of **יָכַם**. In

like manner an epenthetic ו with Segol (וִ) is inserted before the affirmative הָ of the sec. and third pers. fem. plur. of Fut. Kal, as תִּקְדְּמֶנָּה for תִּקְדְּמָנָה. This is to avoid the formation of a mixed syllable with a long vowel in the middle of a word. In both cases the epenthetic letters take the tone. Elsewhere the tone often rests, as in verbs ע"ע, not on the affirmatives הָ, וּ, יִ, but on the preceding syllable, as קָמָה, קָמָה, &c.

4. The intensive or Dageshed conjugations, viz. Piel, Pual, and Hithpael, on account of the great weakness of the second radical, very seldom occur in the regular form. Instead of them we find the roots repeating the third radical if it be a strong one, with the change of the *ā* into *ō*, and the assumption of *ē* for the vowel, as קוֹמֵם from קוּם, הִתְרוֹמֵם from רוּם. These formations, usually termed Polel, Polal, Hithpolel, are perfectly equivalent in signification to the regular ones, and so constant that with one or two exceptions, as הִיבּ from עִיב, הִיבּ the normal form only occurs, where the third radical is a weak or guttural sound, as אָנָה, קָנָה, צָנָה, אָנָה, אָנָה, in all which cases the ו is comparatively strong. The rarer Pilpel is occasionally met with, as בִּלְבַּל.

PARADIGM OF VERBS צ" VAV.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing. 3 m.</i>	קם	נקום	קומם	קומם	חקרם	הוקם	התקומם
3 f.	קמה	נקומה	קוממה	קוממה	חקרמה	הוקמה	התקוממה
2 m.	קמת	נקומת	קוממת	קוממת	חקרמת	הוקמת	התקוממת
2 f.	קמת	נקומת	קוממת	קוממת	חקרמת	הוקמת	התקוממת
1 c.	קמתי	נקומתי	קוממתי	קוממתי	חקרמתי	הוקמתי	התקוממתי
<i>Plur. 3 c.</i>	קמו	נקומו	קוממו	קוממו	חקרמו	הוקמו	התקוממו
2 m.	קמתם	נקומתם	קוממתם	קוממתם	חקרמתם	הוקמתם	התקוממתם
2 f.	קמתן	נקומתן	קוממתן	קוממתן	חקרמתן	הוקמתן	התקוממתן
1 c.	קמנו	נקומנו	קוממנו	קוממנו	חקרמנו	הוקמנו	התקוממנו
INFINITIVE.							
<i>Absol.</i>	קום				חקרם		
<i>Constr.</i>	קום	הקום	קומם	קומם	חקרם	הוקם	התקומם
FUTURE.							
<i>Sing. 3 m.</i>	יקום	ינקום	יקומם	יקומם	יחקרם	יהוקם	יהתקומם
3 f.	תקום	תנקום	תקומם	תקומם	תחקרם	תהוקם	תהתקומם
2 m.	תקום	תנקום	תקומם	תקומם	תחקרם	תהוקם	תהתקומם
2 f.	תקומי	תנקומי	תקוממי	תקוממי	תחקרי	תהוקמי	תהתקוממי
1 c.	אקום	אנקום	אקומם	אקומם	אחקרם	אהוקם	אהתקומם
<i>Plur. 3 m.</i>	יקומו	ינקומו	יקוממו	יקוממו	יחקרו	יהוקמו	יהתקוממו
3 f.	תקומנה	תנקומנה	תקוממנה	תקוממנה	תחקרנה	תהוקמנה	תהתקוממנה
2 m.	תקומו	תנקומו	תקוממו	תקוממו	תחקרו	תהוקמו	תהתקוממו
2 f.	תקומינה	תנקומינה	תקוממינה	תקוממינה	תחקרנה	תהוקמנה	תהתקוממינה
1 c.	נקום	נקום	נקומם	נקומם	נחקרם	נהוקם	נהתקומם
IMPERATIVE.							
<i>Sing. 2 m.</i>	קום	הקום	קומם		חקם		התקומם
2 f.	קומי	הקומי	קוממי		חקרי		התקוממי
<i>Plur. 2 m.</i>	קומו	הקומו	קוממו		חקרו		התקוממו
2 f.	קומנה	הקומנה	קוממנה		חקמנה		התקוממנה
PARTICIPLES.							
<i>Active.</i>	קם		מקומם		מקום		מתקומם
<i>Passive.</i>	קום	נקום		מקומם		מוקם	

REMARKS.

§ 81. KAL.

1. **PRETERITE.** Neuter verbs having Holem or Tseri, as בָּוֶשׁ, טֹב, כָּוֶחַ, רָגַץ, regularly retain them on the rejection of the ו as בָּשׂ, מָח, לָץ, טָב, בָּשָׁף, בָּשָׂה, Pattah, as בָּוֶז Zech. 4. 10, טָח Is. 44. 18. In the unique form קָאֵם Hos. 10. 14, the medial א is merely a *mater lectionis*, § 5. 2.

Anomalies.

רָאָה for רָמָה Zech. 14. 10.	וָלָנָה for לָנָה Zech. 5. 4.
שָׁבָה " שָׁבָה Ezek. 46. 7.	שָׁחָה " שָׁחָה Ps. 8. 7.
שָׁחַ " שָׁחַ Ps. 94. 15.	פָּשְׁעָם " פָּשְׁעָם Mal. 4. 2.

2. **INFINITIVE.** The Const. Inf. has sometimes Holem instead of Shureq, as בּוֹא, מוֹת, טוֹב; also with Vav omitted, as לָבֹא. Occasionally Shureq is shortened to Kibbutz, as לָנֶם, שָׁב. With ה paragogic, רוֹעֶה, בָּבֶאֱה. By special anomaly רָצוּה, for רָצוּה with א for ה paragogic. In דּוֹשׁ for דּוֹשׁ Is. 28. 28, the א is prosthetic.

3. **FUTURE.** In רָשָׁבָה we find Kibbutz for Shureq. Occasionally Fut. o instead of u is met with, as רָבּוּא, רָחֹם, רָקוּם. This however is shortened by Vav. conversive, as וְרָקַם. Under the preformatives of the verb בּוֹשׁ, Tseri always occurs, as אָבוֹשׁ, אָבוֹשָׁה, &c. With a Guttural or Resh the apoc. Fut. usually takes Pattah, as וְרָבָה, וְרָבִיחַ.

4. **IMPERATIVE.** Sometimes defectively written, as קָם, מָח. Sometimes with Holem, מוֹל, צוֹר. With parag. ה, שִׁבְחָה, or שָׁבְחָה, קוֹמָה, בָּאָה.

5. **PARTICIPLE.** This occurs with o as בּוֹשִׁים, אֹרֵר, and also with Tseri, as עֹרֵר, מָח, לָנִים. But its usual form is the same with that of the Preterite.

§ 82. NIPHAL.

1. **PRETERITE.** A single instance of initial Tseri occurs as נָעוֹר Zech. 2. 17. In the persons having the affirmatives נ and ת Holem is usually exchanged for ו, as נָקְמוֹתָ, נָקְמוֹנִי. Yet Holem remains in נָקְטָתָם Ezek. 20. 43, נָקְטוּתָם Ezek. 11. 17.

2. **INFINITIVE.** In one case with Shureq instead of Holem, as וְדוֹשׁ, Is. 25. 10. If the first radical be a Guttural, the characteristic ה takes Tseri instead of Hireq, as וְדוֹשׁ, whence by contraction וְדוֹשׁ, Job 33. 30.

3. PARTICIPLE. Occasionally with Shureq or Kibbutz instead of Holem, as נָצוּר, Ezek. 6. 12, נִצְוָה, Ex. 14. 3, נִצְוָה, Is. 1. 18.

§ 83. HIPHIL.

1. PRETERITE. The final Hireq here not unfrequently falls out, and is supplied by Tseri, as הָפִיר (הַפִּיר); with a Guttural or Resh it goes into Pattah, as הָפַר, הָפַר, הָפַר.

Other Anomalies.

הָפַר for הָפִיר Jer. 6. 7. הָפַר for הָפִיר Num. 16. 15.
הָפַר " הָפִיר 1 K. 21. 25. הָפַר " הָפִיר Jer. 16. 13.
הָפַר " הָפִיר Num. 31. 26. הָפַר " הָפִיר Ezek. 36. 11.
הָפַר " הָפִיר Ex. 18. 23. הָפַר " הָפִיר Num. 17. 6.
הָפַר " הָפִיר Ex. 20. 25. הָפַר " הָפִיר Num. 16. 14.
הָפַר (comp. of הָפַר and הָפַר).

2. INFINITIVE. Once with Yod written הָפִיר Jer. 44. 24. With ל the characteristic ה is often excluded, as לְהָפִיר for לְהָפִיר. So also with ב, בְּהָפִיר. Once with fem. form, הָפַח Is. 30. 28, for הָפַח.

3. FUTURE. Often terminates with Tseri, as הָפִיר, הָפִיר. Vav conversive, as usual, shortens Tseri into Segol, as הָפִיר. Before a Guttural, Pattah according to common usage stands in the last syllable, as הָפִיר. With נ paragogic הָפִיר.

4. IMPERATIVE. With Pattah on account of Guttural in הָפִיר; also once without a Guttural, הָפִיר, Ezek. 21. 35. Once with Yod, הָפִיר 2 Kings 18. 6. So הָפִיר, הָפִיר, הָפִיר.

5. PARTICIPLE. Terminates frequently in Tseri and Pattah, as הָפִיר, הָפִיר. In הָפִיר, הָפִיר, Pattah occurs for Tseri, הָפִיר, according to the analogy of verbs ע"ע.

§ 84. HOPHAL.

1. PRETERITE. The long vowel Shureq in the following cases appears to be resolved into Kibbutz with Dagesh; הָפִיר 2 Sam. 23. 1, הָפִיר Is. 59. 14. In Dan. 8. 11, we find הָפִיר, and elsewhere הָפִיר, הָפִיר, הָפִיר, הָפִיר.

V. Verbs whose Second and Third Radicals are alike.

§ 85. VERBS ע"ע (סָבָב).

1. These verbs are irregular by contraction, and their distinguishing peculiarity consists in dropping the second radical and

transferring its vowel to the first, § 31. 5. *a*; as קָבַב, contr. קָב; קָבַב, contr. קָב.

2. In every case of contraction of this kind, the last radical ought analogically to have a Dagesh compensative, but as this cannot stand at the end of a word the reduplication consequently takes place only when there is an accession to the end of a contracted form. Thus we do not write קָב, קָב, but קָבָה, קָבָה.

3. In order to render more audible the doubling of the last radical by the Dagesh, which might easily be slurred over in pronunciation, the epenthetic syllables י and ך, carrying with them the tone, are inserted before suffixes beginning with a consonant as in the preceding class of verbs, § 80. Thus instead of קָבָה, קָבָה, קָבָה, we have קָבָה, קָבָה, קָבָה. The supplied י may be written defectively, as קָבָה, though such orthography is rare.

4. The preformatives of the Fut. Kal. Pret. Niph., and of Hiph. and Hoph. throughout, which in the case of contraction come necessarily to stand in a simple syllable (as קָב—י instead of קָבָב—י), usually take a *long* vowel instead of a *short* one, which they would otherwise have; as Fut. K. קָבָה instead of קָבָב; Pret. Hiph. קָבָה instead of קָבָב; Inf. קָבָה instead of קָבָב; Fut. קָבָה instead of קָבָב. This long vowel however is *pure* and *mutable*, and therefore capable of being changed or cast away when the shifting of the tone requires it; as קָבָה, קָבָה.

5. Verbs of this class having the second and third radicals *Guttural*, lengthen the preceding vowel in cases where Dagesh, analogically due, is excluded by the Guttural; as קָבָה, contr. קָב, 3d pers. fem. קָבָה (קָבָה); 1 pers. קָבָה (קָבָה).

6. The place of the tone in these verbs is peculiar. (a) In Kal, Niphal, Hiphil, and Hophal it rests on the *penult* of all the persons which have affirmatives *beginning with the vowels*, קָב, קָב, or קָב; as קָבָה, קָבָה, קָבָה. (b) In all the persons which have formative suffixes *beginning with a consonant* (excepting קָב and קָב) the tone rests on the epenthetic י or ך, inserted between the verb and the suffix; as קָבָה, קָבָה.

7. Instead of the ordinary Dageshed conjugations, viz. Piel, Pual, and Hithpaal, the rarer intensive formations Poel and Hithpoel, for which are sometimes substituted Pilpel, Pulpal, and Hithpalpal, are usually employed here as in verbs ע"ע.

PARADIGM OF VERBS ע"ע.

PARTERITE.	Kal.	Niph.	[Piel.	Pual.	Hiph.	Hoph.	Hahp.
<i>Sing.</i> 3 m.	סב	נסב	סובב	סובב	הסב	הוסב	התסובב
3 f.	סבא	נסבא	סובבא	סובבא	הסבא	הוסבא	התסובבא
2 m.	סבות	נסבות	סובבת	סובבת	הסבות	הוסבות	התסובבת
2 f.	סבות	נסבות	סובבת	סובבת	הסבות	הוסבות	התסובבת
1 c.	סבותי	נסבותי	סובבתי	סובבתי	הסבותי	הוסבותי	התסובבתי
<i>Plur.</i> 3 c.	סבו	נסבו	סובבו	סובבו	הסבו	הוסבו	התסובבו
2 m.	סבותם	נסבותם	סובבתם	סובבתם	הסבותם	הוסבותם	התסובבתם
2 f.	סבותן	נסבותן	סובבתן	סובבתן	הסבותן	הוסבותן	התסובבתן
1 c.	סבותנו	נסבותנו	סובבנו	סובבנו	הסבותנו	הוסבותנו	התסובבנו
INFINITIVE.							
<i>Absol.</i>	סב	הסב					
<i>Constr.</i>	סב	הסב	סובב	סובב	הסב	הוסב	התסובב
FUTURE.							
<i>Sing.</i> 3 m.	יסב	ינסב	יסובב	יסובב	יחב	יוסב	יתסובב
3 f.	תסב	תנסב	תסובב	תסובב	תחב	תוסב	תתסובב
2 m.	תסב	תנסב	תסובב	תסובב	תחב	תוסב	תתסובב
2 f.	תסבי	תנסבי	תסובבי	תסובבי	תחבי	תוסבי	תתסובבי
1 c.	אסב	אנסב	אסובב	אסובב	אחב	אוסב	אתסובב
<i>Plur.</i> 3 m.	יסבו	ינסבו	יסובבו	יסובבו	יחבו	יוסבו	יתסובבו
3 f.	תסבנה	תנסבנה	תסובבנה	תסובבנה	תחבנה	תוסבנה	תתסובבנה
2 m.	תסבו	תנסבו	תסובבו	תסובבו	תחבו	תוסבו	תתסובבו
2 f.	תסבנה	תנסבנה	תסובבנה	תסובבנה	תחבנה	תוסבנה	תתסובבנה
1 c.	נסב	ננסב	נסובב	נסובב	נחב	נוסב	נתסובב
IMPERATIVE.							
<i>Sing.</i> 2 m.	סב	הסב	סובב		חב		התסובב
2 f.	סבי	הסבי	סובבי		חבי		התסובבי
<i>Plur.</i> 2 m.	סבו	הסבו	סובבו		חבו		התסובבו
2 f.	סבנה	הסבנה	סובבנה		חבנה		התסובבנה
PARTICIPLE.							
<i>Active.</i>	סב		מסובב		מחב		מתסובב
<i>Passive.</i>	סב	נסב		מסובב		מוסב	

REMARKS.

§ 87. KAL.

1. **PRETERITE.** Contraction in these verbs is by no means uniform, as we find reg. זָמַח Deut. 19. 19, זָמַחְךָ Zech. 8. 14, כָּלְלִי Ezek. 27. 11, עָשָׂשָׁה Ps. 6. 2, הָיוּ Is. 30. 19. In the plural one or two cases of the form סָבַח (instead of סָבְחוּ) occur; as רָמַח Job 24. 24; also רָמַח Job 22. 12, רָבַח Gen. 49. 23. Once תָּמַח for תָּמַחוּ Ps. 64. 7 (perhaps for תָּמַחוּ). With Dagesh omitted we have אָרוּחַ Mal. 2. 2, and שָׁחוּחַ Ps. 35. 14.

2. **INFINITIVE.** Before Maqqeph the long final vowel is shortened, as תָּבַח, תָּבַחְךָ. With suff. we find בָּחַקְךָ. Final Pattah also is not of unfrequent occurrence, as בָּשָׁח, בָּרַח, בָּלַח. A few exhibit Shureq like verbs עָמַח, as לָבַח, לָחַח, לָעַח.

3. **FUTURE.** The form of the Future is threefold, viz. רָסַח, רָסַחְךָ. Of these the first is the most regular and frequent. It is shortened upon loss of the tone, as רָסַחְךָ. The second is sometimes a Chaldaism; but the true solution of the form seems not yet to have been hit upon. It occurs in the following words, רָסַח, רָסַחְךָ. Final Shureq occurs in some, as רָסַחְךָ, רָסַחְךָ; and for sake of euphony with Kibbutz in רָסַחְךָ. With הּ parag. in תָּרַח. The Fut. with Pattah usually takes Tseri ante-final, as רָסַחְךָ, רָסַחְךָ.

4. **IMPERATIVE.** This like the Inf. Abs. sometimes takes Pattah, as בָּלַח Ps. 119. 22, בָּלַח Ps. 141. 3; also with הּ parag., as בָּלַח Ps. 80. 16; and once when the second radical, from being a Guttural, does not admit Dagesh, as אָרַח Num. 22. 6. Before a suffix the tone rests upon the affirmative, and the vowel is shortened, as קָלַח Jer. 50. 26; so also occasionally without a suffix, as קָלַח Jer. 7. 29, קָלַח Zech. 2. 14, קָלַח Is. 44. 23. In קָלַח Num. 23. 13, either the ו is epenthetic, = קָלַחוּ, or the form is for קָלַחוּ.

§ 88. NIPHAL.

1. **PRETERITE.** Besides the common form with *ā* final, we also meet with final *e* and *ō*, as בָּלַח 2 Kings 20. 10, נָחַח Nah. 2. 11, נָחַח Ezek. 26. 2, נָחַח Is. 34. 4, נָחַח Amos 3. 11, נָחַח Nah. 1. 12. Verbs whose first radical is ח present a twofold formation, as נָחַח Ps. 69. 4, נָחַח Mal. 2. 5, or נָחַח Is. 57. 5; also with א for first radical, נָחַח Mal. 3. 9.

2. **INFINITIVE.** Sometimes occurs with Tseri, as חָמַס Ps. 68. 3, לָהַחֵל Is. 24. 3, once לְהַחֵל Lev. 21. 4. The Inf. Abs. fully written with Holem, as חָבוֹק Ezek. 20. 9, חָבוֹז Is. 24. 3. .

3. **FUTURE.** Occasionally with *o*, as תִּרְוֹץ Ezek. 29. 7, תִּרְמִי Jer. 48. 2, תִּרְמִי Ezek. 10. 17, תִּתָּחַז Gen. 47. 18. If Dagesh falls out of the first radical, the preformatives of the Fut. usually have *e*, as אֶחָל Ezek. 22. 26, אֶחָח Jer. 17. 18. In אֶתָּחַז Ps. 19. 14, the *י* is epenthetic. Once אֶבְהֶ for אֶבְהֵ Mic. 6. 16.

4. **PARTICIPLE.** The Tseri termination sometimes occurs here also, as נָמַס 1 Sam. 15. 9. Once נִסְבָּה 2 Chron. 10. 15.

§ 89. HIPHIL.

1. **PRETERITE.** Instead of Tseri in the last syllable the use of Pattah is common throughout the whole conjugation, not only where one of the radicals is a Guttural or Resh, as חָמַר, חָרַךְ, חָחַז, but also in other cases, as חָקַל, חָדַס, חָמַסוּ. So Part. מִצֵּל. As Tseri is pure in Hiphil it is of course liable to change, as חָסַב, 2d pers. חֲסַבְוֹתָ. The form חָגַל=חָגַל Lam. 1. 8, is anomalous, as is also חֲסַחְתָּהּ for חֲסַחְתָּהּ Prov. 24. 28.

2. **INFINITIVE.** The characteristic ה here assumes Kamets probably to distinguish it from the Preter. As in the Preter, Pattah appears also in the final syllable instead of Tseri, as לִחְבֹּר Jer. 4. 11, לִחְדַּס 2 Chron. 34. 7 (Tseri being retained instead of Kamets). With suffixes, as בְּחַלְוֹ, בְּחַחְמִיָּה.

3. **FUTURE.** With the tone retracted Tseri is, as usual, shortened into Segol, whether in consequence of Vav conversive, as וְיִחְבֹּל, or of a monosyllable following, according to § 21. 8. c, as וְיִחְבֹּל Ps. 91. 4. In one case we have Hireq instead of Tseri final, as וְיִשְׁרִם Jer. 49. 20, וְיִחְרֹץ Judg. 9. 53, is anomalous for וְיִחְרֹץ. So also וְיִצְחָה Deut. 1. 44, for וְיִצְחָה.

§ 90. HOPHAL.

1. The anomalies in Hophal are few and trifling. The preformative of the Preter, it will be observed, is pointed חָסַב instead of חֲסַבָּה. Variant from this is חָמַב Job 24. 24, for חֲמַבָּה. In the Inf. we find חֲשַׁמָּה *its lying desolate*, Lev. 26. 35, where Shureq goes into Kamets Hateph, and ה the pronoun lacks Mappiq. So חֲשַׁמָּה Lev. 26. 34, by metathesis of points for חֲשַׁמָּה.

VI. Verbs whose Third Radical is Aleph.

§ 91. VERBS א' (אָצַח).

The peculiarity of this class arises from the *quiescence* of א, the final radical. This quiescence is regulated by the following laws :

1. In the forms *without* affirmatives, where א is the final letter, it invariably quiesces, as אָצַח, אָצַח. This however affects the punctuation only in cases where Pattah would analogically appear, which the quiescing א always lengthens into Kamets. Thus in Pret. Kal, Niph. Pu. and Hoph., and Fut. and Imp. Kal, we have אָצַח, אָצַח, אָצַח, אָצַח, אָצַח, אָצַח, and אָצַח, in all which cases the regular vowel is Pattah.

2. In the forms *with* affirmatives (beginning with a consonant) the א quiesces, (a) In the Preter of all the *derived* conjugations in Tseri, as אָצַח. (b) In the Fut. and Imp. of all the conjugations in Segol, as אָצַח, אָצַח, אָצַח.

3. Where affirmatives occur beginning with a vowel, the form is regular, as א then is moveable, as אָצַח, אָצַח, אָצַח.

4. In the Pret. of Kal, where the second radical properly has Pattah, א quiesces in Kamets, as אָצַח, אָצַח instead of אָצַח, אָצַח.

PARADIGM OF ב" ALEPH VERBS.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	מָצָא	נִמְצָא	מָצָא	מָצָא	הִמְצִיא	הִמְצָא	הִתְמַצָּא
3 f.	מָצְאָה	נִמְצְאָה	מָצְאָה	מָצְאָה	הִמְצִיָּה	הִמְצָאָה	הִתְמַצְּאָה
2 m.	מָצַאתָ	נִמְצַאתָ	מָצַאתָ	מָצַאתָ	הִמְצַאתָ	הִמְצָאתָ	הִתְמַצְּאתָ
2 f.	מָצַאתְּ	נִמְצַאתְּ	מָצַאתְּ	מָצַאתְּ	הִמְצַאתְּ	הִמְצָאתְּ	הִתְמַצְּאתְּ
1 c.	מָצָאתִי	נִמְצָאתִי	מָצָאתִי	מָצָאתִי	הִמְצָאתִי	הִמְצָאתִי	הִתְמַצְּאתִי
<i>Plur.</i> 3 c.	מָצְאוּ	נִמְצְאוּ	מָצְאוּ	מָצְאוּ	הִמְצִיאוּ	הִמְצָאוּ	הִתְמַצְּאוּ
2 m.	מָצַאתֶם	נִמְצַאתֶם	מָצַאתֶם	מָצַאתֶם	הִמְצַאתֶם	הִמְצָאתֶם	הִתְמַצְּאתֶם
2 f.	מָצַאתְּן	נִמְצַאתְּן	מָצַאתְּן	מָצַאתְּן	הִמְצַאתְּן	הִמְצָאתְּן	הִתְמַצְּאתְּן
1 c.	מָצַאנוּ	נִמְצַאנוּ	מָצַאנוּ	מָצַאנוּ	הִמְצַאנוּ	הִמְצָאנוּ	הִתְמַצְּאנוּ
INFINITIVE.							
<i>Absol.</i>	מֵצֹא		מֵצֵא		הִמְצֵא		
<i>Constr.</i>	מֵצָא	הִמְצָא	מֵצָא	מֵצָא	הִמְצִיא	הִמְצָא	הִתְמַצָּא
FUTURE.							
<i>Sing.</i> 3 m.	יִמְצָא	יִנְמָצָא	יִמְצָא	יִמְצָא	יִהְיֶה מֵצִיא	יִמְצָא	יִתְמַצָּא
3 f.	תִּמְצָא	תִּנְמָצָא	תִּמְצָא	תִּמְצָא	תִּהְיֶה מֵצִיָּה	תִּמְצָא	תִּתְמַצְּא
2 m.	תִּמְצָא	תִּנְמָצָא	תִּמְצָא	תִּמְצָא	תִּהְיֶה מֵצִיָּה	תִּמְצָא	תִּתְמַצְּא
2 f.	תִּמְצְאִי	תִּנְמְצְאִי	תִּמְצְאִי	תִּמְצְאִי	תִּהְיֶיךָ מֵצִיָּה	תִּמְצְאִי	תִּתְמַצְּאִי
1 c.	אֶמְצָא	אֶנְמָצָא	אֶמְצָא	אֶמְצָא	אֶהְיֶה מֵצִיא	אֶמְצָא	אֶתְמַצָּא
<i>Plur.</i> 3 m.	יִמְצְאוּ	יִנְמָצְאוּ	יִמְצְאוּ	יִמְצְאוּ	יִהְיוּ מֵצִיִּים	יִמְצְאוּ	יִתְמַצְּאוּ
3 f.	תִּמְצְאנה	תִּנְמָצְאנה	תִּמְצְאנה	תִּמְצְאנה	תִּהְיוּנה מֵצִיָּה	תִּמְצְאנה	תִּתְמַצְּאנה
2 m.	תִּמְצְאוּ	תִּנְמָצְאוּ	תִּמְצְאוּ	תִּמְצְאוּ	תִּהְיוּ מֵצִיִּים	תִּמְצְאוּ	תִּתְמַצְּאוּ
2 f.	תִּמְצְאנה	תִּנְמָצְאנה	תִּמְצְאנה	תִּמְצְאנה	תִּהְיוּנה מֵצִיָּה	תִּמְצְאנה	תִּתְמַצְּאנה
1 c.	נִמְצָא	נִנְמָצָא	נִמְצָא	נִמְצָא	נִהְיֶה מֵצִיא	נִמְצָא	נִתְמַצָּא
IMPERATIVE.							
<i>Sing.</i> 2 m.	מֵצָא	הִמְצָא	מֵצָא		הִמְצֵא		הִתְמַצָּא
2 f.	מֵצְאִי	הִמְצְאִי	מֵצְאִי		הִמְצִיָּה		הִתְמַצְּאִי
<i>Plur.</i> 2 m.	מֵצְאוּ	הִמְצְאוּ	מֵצְאוּ		הִמְצִיאוּ		הִתְמַצְּאוּ
2 f.	הִמְצְאנה	הִמְצְאנה	הִמְצְאנה		הִמְצְאנה		הִתְמַצְּאנה
PARTICIPLE.							
<i>Active.</i>	מֵצֵא		מֵצֵא		מִמְצֵא		מִתְמַצָּא
<i>Passive.</i>	מֵצוּא	נִמְצָא		מֵצוּא		מֵצוּא	

REMARKS;

§ 92. KAL.

1. **PRTERITE.** The Preter of verbs of final Tseri, like קרא, usually retains the Tseri here, as קראת, קראתה. For the 3d pers. fem. we meet with the contracted form קראת Is. 7. 14, חצאת Ex. 5. 16. The following are cases in which א has fallen out; קצתי Num. 11. 11, רצתי Job 1. 21, מלתי Job 32. 18, מלי Ezek. 18. 16, נשי Ezek. 39. 26. Irregular is צמח, which, like many other verbs of this class, follows the analogy of verbs ב"ה, which would make צמרת. So פלאתי Ps. 119. 101, like פלתי.

2. **INFINITIVE.** With ה paragogic, Holem, as in regular verbs, is shortened to Kamets Hateph, and in that form transferred to the first radical, as לְקַמֵּחַ. Of the fem. form is קְרָאָה, קְרָאָה; also מְלָאָה (מְלָאָה); לְקַרְאָה (לְקַרְאָה); קְרָאָה (קְרָאָה). In קְרָא (קְרָא) there is an aphæresis of the first radical: נָשָׂא makes שָׂאָה, and by crasis or contraction שָׂאָה (שָׂאָה) Gen. 36. 7.

3. **FUTURE.** In this tense we have אֶקְרָא Jer. 3. 22, for אֶקְרָא, by commutation of א for ה. With paragogic ה, אֶקְרָאָה 1 Sam. 28. 15, with Segol instead of Kamets for sake of euphony. With נ paragogic occur תִּקְרָאָיוּ Deut. 1. 29, תִּקְרָאָיוּ 1 Sam. 9. 15, רִמְצָאָיוּ Jer. 2. 24, רִקְרָאָיוּ Prov. 1. 21. The form תִּקְרָאָיוּ Job 5. 18, for תִּקְרָאָיוּ follows the analogy of verbs ב"ה. The verb נָשָׂא makes Fut. נִשְׂאָה. Hence יִשְׂאָיוּ Ps. 91. 12, with נ paragogic remaining before the suffix as above. So תִּשְׂאָיוּ Ezek. 23. 49, with epenthetic י, like ב"ה verbs, and תִּשְׂנָיוּ Jer. 9. 17, with א elided. קְרָא makes Fut. קִרָּא, with י quiescing in Hireq, whereas קִרָּא makes Fut. קִרָּא after the model of verbs ב"ה first class, § 70.

4. **IMPERATIVE.** Here we find קְרָא 1 Sam. 12. 24, for קְרָאָה to distinguish it from the Fut. קִרָּא. From קוּא we have Imp. קְרָא Jer. 25. 27, for קָא. The apoc. forms קְרָאָן, קְרָאָן occur, as also קְרָאָן with Kamets dropped. נָשָׂא and קִרָּא make שָׂאָה, קִרָּא, and צָאָה, צָאָה.

5. **PARTICIPLE.** Examples here occur conforming to the analogy of verbs ב"ה, as הוֹטֵא (הוֹטֵא) Eccles. 9. 18, מוֹצֵא (מוֹצֵא) Eccles. 7. 26. In the plur. א sometimes quiesces, as הוֹטְאִים 1 Sam. 14. 33, for הוֹטְאִים Neh. 6. 8, for בּוֹדְאִים. With fem. form מוֹצְאָה Cant. 8. 10, for מוֹצְאָה, יִצְאָה Jud. 11. 34, for יִצְאָה.

§ 92. NIPHAL.

1. **PRETERITE.** In two cases the characteristic נ is omitted, viz. נָבַט 1 Sam. 10. 11, and נָשָׂא Ex. 25. 28. By contraction נָפְלָאָה for נָפְלָאָה Ps. 118. 23; whence by doubling ה and changing the first into ח, נָפְלָאָהָה 1 Sam. 1. 26, נָפְלָאָהָה Josh. 18. 3. The analogy of verbs ל"ה is followed by נָפְלָאָהָה for נָפְלָאָהָה Ps. 139. 14.

2. **INFINITIVE.** With Dagesh suppressed and the third radical commuted for ה we have הִרְפָּה Jer. 19. 11, הִחַזְּהָה 2 Kings 7. 12. One retains the characteristic of the conjugation הִרְפָּה Jer. 49. 10, with ה final for א. הִנְבְּאָה of the form of verbs ל"ה is for הִנְבָּאָה Zech. 13. 4.

3. **FUTURE.** Here also the analogy of verbs ל"ה prevails in הִרְפֹּה 2 Kings 2. 22. Paragogic א appears in הִנְשָׂאָה for הִנְשָׂאָה Jer. 10. 5. In הִתְרַאָה Ps. 130. 4, from הִרְאָה, the radical ר is commuted for ר.

4. **PARTICIPLE.** Three occur with Sheva in the plur. instead of Kamets, viz. הִנְמַצְּאִים (הִנְמַצְּאִים) Ezek. 20. 30, הִנְמַצְּאִים (הִנְמַצְּאִים) Est. 1. 5, הִנְבַּצְּאִים (הִנְבַּצְּאִים) Josh. 10. 17. So הִנְבַּצְּאִים for הִנְבַּצְּאִים Jer. 14. 15.

§ 93. PIEL.

1. **PRETERITE.** Some few, like verbs ל"ה, end in final Kamets instead of Tseri, as דָּבַט Ps. 143. 3, מָלַט Jer. 51. 34, נָשָׂא Am. 4. 2. In נָבִיחָה Jer. 26. 9, the Yod is commutative of א, נָבַחָה. The three following have Hireq instead of Tseri, viz. הִרְפָּאָה, הִרְפָּאָה, הִרְפָּאָה.

2. **FUTURE.** In הִרְפֹּה the final ה is for א, הִרְפָּאָה. With elided א we find הִרְפֹּה for הִרְפָּאָה Jer. 8. 11.

§ 94. HIPHIL.

1. **PRETERITE.** An apocope of א occurs in הִחַזְּהָה 2 Kings 13. 6, for הִחַזְּהָה. So in הִמְצִיחָה 2 Sam. 8. 8, for הִמְצִיחָה. The anomalous form הִחַזְּהָה occurs Josh. 6. 17, for הִחַזְּהָה, the ה fem. being doubled and the first changed into ח. For הִחַזְּהָה Job 15. 13, some copies read more correctly הִחַזְּהָה. A composite form appears in הִחַזְּהָה Prov. 25. 16, made up from verbs ל"ה and ע"ר, for הִחַזְּהָה or הִחַזְּהָה.

VII. Verbs whose Third Radical is He.

§ 95. VERBS ה" HE.

1. Under this class are included verbs having originally final ה or ו, both of which coming at the end of a word after a heterogeneous vowel (Pattah) are converted to ה in order to conform to the vowel, § 26. II. 3. *b*, which consequently is lengthened by quiescence; thus, הָלַח = הָלַח = הָלַח. In many cases, from the great native weakness of these letters, they are excluded altogether, § 26. I. 2; as הָלַח for הָלַח (הָלַח), הָלַח for הָלַח (הָלַח). In pause, however, they often remain, as הָלַח for הָלַח or הָלַח. But in the middle of words where their substitute ה, if retained, would fall into a mixed syllable, they are restored, as הָלַח for הָלַח, הָלַח for הָלַח. In the 3d pers. fem. sing. pret., where, upon the addition of ה char. fem. to the root, two of these letters would concur, the first is hardened into its cognate ח, as חָלַח for חָלַח. It is to be observed, however, that those verbs whose third radical is Mappiqed or moveable ה (ה), as חָלַח, חָלַח, חָלַח, חָלַח, come not under the rules which distinguish the class we are now considering. They are inflected according to the model of ה" Guttural verbs, § 64.

2. The rules of quiescence in this class of verbs are the following:—(a) In all the Preters the final ה quiesces in Kamets, as חָלַח, חָלַח, &c. (b) In all the Futures in Segol, as חָלַח, חָלַח, חָלַח, &c. (c) In all the Infin. Abs. except Hiph. and Hoph. in Holem, as חָלַח, חָלַח, חָלַח, &c.; while all the Inf. Const. terminate in ה, a contracted fem. form for ה, as חָלַח, חָלַח, &c. (d) In all the Imperatives in Tseri, as חָלַח, חָלַח, חָלַח, &c. (e) In all the Participles, except the Pass. of Kal, in Segol, as חָלַח, חָלַח, חָלַח, &c. As to the Pass. Part., as ה never terminates a syllable containing a semi-vowel, the primitive ו re-appears forming a diphthong with the preceding Shureq, as חָלַח (חָלַח, חָלַח) instead of חָלַח. See Remarks, 5.

3. A distinguishing peculiarity of these verbs consists in the *Apocopated Future* occurring in all the conjugations, and which is formed by dropping the last radical with its preceding vowel (ה); as חָלַח, apoc. חָלַח, חָלַח. This feature of ה" verbs gives rise to numerous changes of form and punctuation, which will be considered in the remarks on the paradigm. This principle of apocopation extends also to the Imp. of Piel, Hiphil, and Hithpael.

PARADIGM OF ל' HE VERBS.

PRETERITE.	Kal.	Niph.	Piel.	Pual.	Hiph.	Hoph.	Hithp.
<i>Sing.</i> 3 m.	גָּלַח	נִגְלַח	גָּלַח	גָּלַח	הִגְלַח	הִגְלַח	הִתְגַּלַּח
3 f.	גָּלַחַת	נִגְלַחַת	גָּלַחַת	גָּלַחַת	הִגְלַחַת	הִגְלַחַת	הִתְגַּלַּחַת
2 m.	גָּלַחְתָּ	נִגְלַחְתָּ	גָּלַחְתָּ	גָּלַחְתָּ	הִגְלַחְתָּ	הִגְלַחְתָּ	הִתְגַּלַּחְתָּ
2 f.	גָּלַחְתְּ	נִגְלַחְתְּ	גָּלַחְתְּ	גָּלַחְתְּ	הִגְלַחְתְּ	הִגְלַחְתְּ	הִתְגַּלַּחְתְּ
1 c.	גָּלַחְתִּי	נִגְלַחְתִּי	גָּלַחְתִּי	גָּלַחְתִּי	הִגְלַחְתִּי	הִגְלַחְתִּי	הִתְגַּלַּחְתִּי
<i>Plur.</i> 3 c.	גָּלְחוּ	נִגְלְחוּ	גָּלְחוּ	גָּלְחוּ	הִגְלְחוּ	הִגְלְחוּ	הִתְגַּלְּחוּ
2 m.	גָּלַחְתֶּם	נִגְלַחְתֶּם	גָּלַחְתֶּם	גָּלַחְתֶּם	הִגְלַחְתֶּם	הִגְלַחְתֶּם	הִתְגַּלַּחְתֶּם
2 f.	גָּלַחְתֶּן	נִגְלַחְתֶּן	גָּלַחְתֶּן	גָּלַחְתֶּן	הִגְלַחְתֶּן	הִגְלַחְתֶּן	הִתְגַּלַּחְתֶּן
1 c.	גָּלַחְנוּ	נִגְלַחְנוּ	גָּלַחְנוּ	גָּלַחְנוּ	הִגְלַחְנוּ	הִגְלַחְנוּ	הִתְגַּלַּחְנוּ
INFINITIVE.							
<i>Absol.</i>	גָּלַח	נִגְלַח	גָּלַח	גָּלַח	הִגְלַח	הִגְלַח	הִתְגַּלַּח
<i>Constr.</i>	גָּלֹחַת	הִגְלֹחַת	גָּלֹחַת	גָּלֹחַת	הִגְלֹחַת	הִגְלֹחַת	הִתְגַּלֻּחַת
FUTURE.							
<i>Sing.</i> 3 m.	יִגְלַח	יִגְלַח	יִגְלַח	יִגְלַח	יִגְלַח	יִגְלַח	יִתְגַּלַּח
3 f.	תִּגְלַח	תִּגְלַח	תִּגְלַח	תִּגְלַח	תִּגְלַח	תִּגְלַח	תִּתְגַּלַּח
2 m.	תִּגְלַחְתָּ	תִּגְלַחְתָּ	תִּגְלַחְתָּ	תִּגְלַחְתָּ	תִּגְלַחְתָּ	תִּגְלַחְתָּ	תִּתְגַּלַּחְתָּ
2 f.	תִּגְלַחְתְּ	תִּגְלַחְתְּ	תִּגְלַחְתְּ	תִּגְלַחְתְּ	תִּגְלַחְתְּ	תִּגְלַחְתְּ	תִּתְגַּלַּחְתְּ
1 c.	אֶגְלַח	אֶגְלַח	אֶגְלַח	אֶגְלַח	אֶגְלַח	אֶגְלַח	אֶתְגַּלַּח
<i>Plur.</i> 3 m.	יִגְלְחוּ	יִגְלְחוּ	יִגְלְחוּ	יִגְלְחוּ	יִגְלְחוּ	יִגְלְחוּ	יִתְגַּלְּחוּ
3 f.	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּתְגַּלַּחְנָה
2 m.	תִּגְלַחוּ	תִּגְלַחוּ	תִּגְלַחוּ	תִּגְלַחוּ	תִּגְלַחוּ	תִּגְלַחוּ	תִּתְגַּלַּחוּ
2 f.	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּגְלַחְנָה	תִּתְגַּלַּחְנָה
1 c.	נִגְלַחְנָה	נִגְלַחְנָה	נִגְלַחְנָה	נִגְלַחְנָה	נִגְלַחְנָה	נִגְלַחְנָה	נִתְגַּלַּחְנָה
IMPERATIVE.							
<i>Sing.</i> 2 m.	גָּלַח	הִגְלַח	גָּלַח		הִגְלַח		הִתְגַּלַּח
2 f.	גָּלִי	הִגְלִי	גָּלִי		הִגְלִי		הִתְגַּלִּי
<i>Plur.</i> 2 m.	גָּלוּ	הִגְלוּ	גָּלוּ		הִגְלוּ		הִתְגַּלְּלוּ
2 f.	גָּלֻחַ	הִגְלֻחַ	גָּלֻחַ		הִגְלֻחַ		הִתְגַּלְּלוּ
PARTICIPLES.							
<i>Active.</i>	גָּלֹחַ		מִגְלֹחַ		מִגְלֹחַ		מִתְגַּלֵּחַ
<i>Passive.</i>	גָּלֻחַ	נִגְלֹחַ		מִגְלֻחַ		מִגְלֻחַ	

REMARKS.

§ 96. KAL.

1. **PRETERITE.** For the third pers. pret. fem. (בָּלְתָה) the Syriac form (בָּלָה) occurs in a few cases, as עָשָׂה Lev. 25. 21, for עָשְׂתָה. In like manner in Hiph. and Hoph., as חָרַצָה Lev. 26. 31, חָרַצְתָה Jer. 13. 19. In one case the original י re-appears instead of ה hardened into ח, as חָסְדָה Ps. 57. 2, for חָסְתָה. Thus too in third pers. plur. חָסְרוּ Deut. 32. 37, נָסְרוּ Ps. 73. 2, in Keri. In שָׁלַחְתָּ Job 3. 26, the original ו is retained. The medial י occasionally falls out, as וְחָרַתָּ 2 Sam. 10. 11, for וְחָרַיְתָּ.

2. **INFINITIVE ABSOL.** This sometimes occurs with apocope of the last radical, unless this be considered as the restoration of the original ו, as בָּכוּ Is. 30. 19, for בָּכוּהָ; רָאוּ Gen. 26. 28; חָרוּ Is. 59. 4; מָרוּ Lam. 1. 20; שָׁחוּ Is. 22. 13. Occasionally the ה is hardened into ח, as שָׁחוּהָ Is. 22. 13; רָאוּהָ Is. 42. 20.—**CONSTR.** The paradigm shows the regular termination to be הָ, but the ה sometimes remains without being hardened, as עָשָׂה Gen. 50. 20; רָאוּהָ Gen. 48. 11, קָנָה Prov. 16. 16. A peculiar form, רָאָהָ with fem. termination and ו retained, occurs Ezek. 28. 17.

3. **FUTURE.** In several cases we find the final ה quiescing in (,) instead of (.), as אָשַׁעָה Ps. 119. 117, instead of אָשַׁעָהָ; תִּכְלָהָ 1 Kings 17. 4, for תִּכְלָהָה. The original ו, but quiescing in Hireq, is apparently retained in the third pers. fem. sing. and the second pers. masc. in some words, as וְתִזְוֶי Jer. 3. 6, instead of וְתִזְוֶיָה; תִּמְחֶיָה Jer. 18. 23, instead of תִּמְחֶיָהָ. The י is occasionally omitted even where analogically due, as תַּעֲשִׂינָהָ Job 5. 12, for תַּעֲשִׂינָהָה; תַּעֲנִינָהָ Judg. 5. 29, for תַּעֲנִינָהָה.

Apocopated Future of Verbs ל" He.

The leading principle on which the apocopation of Hebrew words depends is stated, § 35. II., to be, that in expressing *command, prohibition, earnest exhortation, &c.*, in which cases it mainly occurs, the utterance naturally becomes abrupt, and the force of the voice being spent on the first syllable, the tone is retracted (§ 21. 8. b.), long vowels shortened (§ 27. 9.), and the final letter left almost or entirely mute. But a letter not sounded is very prone to disappear altogether; and this effect is peculiarly easy to verbs of this class, from the original inherent weakness of the final radical.

The consequence is that the apocopated form of the Future in these verbs is far more frequent in all the conjugations than the regular or full form. The principal peculiarities arising from this source are the following:—

(a) As the final letter with the preceding vowel falls away (יגלל, apoc. יגל) a *furtive Segol* is usually supplied under the first radical to obviate the difficult sound of the two Shevas in the *nude*, or *simply apocopate* form; as יגלל, יגלל, יגלל; יגלל, יגלל; or if the first or second radical be a Guttural, *furtive Pattah*; as יגלל, יגלל. In this case it is more common to employ Pattah (seldom Segol) under the preformative than Hireq; thus יגלל (יגלל), יגלל, (יגלל), (יגלל). Such forms as יגלל however do sometimes occur.

(b) Though the preformative of the Fut. is regularly Hireq, yet it is frequently, especially in the 1st and 2d pers. sing. and plur., lengthened into Tseri; as יגלל, יגלל, יגלל. Hence by a special anomaly יגלל for יגלל, by transposition of the two last radicals from יגלל.

(c) If the second radical be one of the *Begadh-kephath* letters (§ 4.2. b), the preformative has Hireq or Tseri, but the furtive vowel is not supplied, the form remaining *nude*; as יגלל (יגלל), יגלל, יגלל. Instead of the first Sheva, Pattah, especially under Gutturals, is used. To this case we are probably to refer יגלל (יגלל), the last Sheva being dropped on account of א, lest if it were written יגלל or יגלל it might be supposed to be from יגלל or יגלל in stead of יגלל.

(d) The verbs יגלל and יגלל take Sheva under the preformatives, conforming themselves to the cases where final Yod quiesces in Hireq (§ 26. 7). Thus יגלל, יגלל, יגלל, where יגלל follows the analogy of יגלל for יגלל. In pause, however, we have יגלל.

(e) Verbs of the ל" class which usually assimilate the ל, here retain only one of their radicals, as יגלל and יגלל, from יגלל; יגלל for יגלל, from יגלל; so יגלל for יגלל, &c.

4. IMPERATIVE. In יגלל Job 37. 6, with commutation of letters for יגלל, the middle radical ל for י by Chaldaism: יגלל makes Imper. יגלל instead of יגלל for sake of euphony. The original radical Yod is sometimes restored here, as יגלל, יגלל; whence by contraction יגלל Jer. 25. 27, for יגלל.

5. PARTICIPLE. In נָשָׂא 1 Sam. 22. 1, the final א is commutative for ה, plur. נִשְׂאוֹת. The participles in the construct state end in Tseri, as עֹשֶׂה Ex. 15. 11, בִּנֵּה Ps. 147. 2, רָצָה Gen. 4. 2, כָּנֵה Gen. 14. 19. The fem. form frequently develops the original Yod, as עֹשֶׂהָ Cant. 1. 7; בֹּכֶהָ Lam. 1. 16, צֹפֶהָ Prov. 31. 27, פֹּרֶהָ Ps. 127. 3. In the plur. אֹהֵיזוֹת Is. 41. 23, the Pass. Part. has sometimes עָשָׂה Job 41. 25, for עֹשֶׂה; צָפָה Job 15. 22, for צֹפֶה. In Is. 3. 16, the Kethib has נִשְׂדוּזוֹת, the Keri נִשְׂדוּזוֹת 1 Sam. 25. 18, Keri נִשְׂדוּזוֹת.

§ 97. NIPHAL.

1. PRETERITE. The first radical in Pe Nun verbs here falls out according to custom, as נָקַח for נִקְחָה; נָכַח for נִכְכָּה. Hireq sometimes occurs before י instead of Tseri, as נָקִיחַ Gen. 24. 8, נָקִינִי 1 Sam. 14. 8. In pause נָקִיחַ Num. 24. 6, according to § 22. 2. h. נָקִיחַ Cant. 1. 6, for נִקְחִי or נִכְכִּי.

2. INFINITIVE. When Dagesh falls out of the first radical, the characteristic ה is of course pointed with Tseri, as לְהִקְחָה Judg. 13. 21, whence by contraction לְקַחַהּ Is. 1. 12. The Inf. Abs. has once the form of the Constr., as נִקְלֹחַ 2 Sam. 6. 20. We find also נִקְחָה for נִקְחָה Jer. 49. 10.

3. FUTURE. The Fut. Apoc. merely drops the final ה with the preceding vowel, as רִנְּנָה, apoc. רִנֵּן Is. 47. 3. The only anomalous forms in the Fut. are רִדְּחָה Jer. 23. 12, for רִדְּחָה, רִדְּחָה Ps. 109. 13, for רִדְּחָה (רִדְּחָה).

4. IMPERATIVE. In one case we find the characteristic of the Preter anomalously retained, as וְנִקְחֵהּ for וְנִקְחֵהּ Jer. 50. 5.

5. PARTICIPLE. Occasionally the second radical takes Kamets instead of Segol, as נִקְחָה Is. 17. 11; וְנִקְחָה Is. 56. 3.

§ 98. PIEL.

1. PRETERITE. In the greater number of cases the י of the second syllable quiesces in Hireq instead of Tseri, as כָּלִיחִי Lev. 25. 11; צִירִיחִי Lev. 25. 21; כָּסִיחִי Ps. 143. 9; דָּמִיחִי Is. 14. 24; בָּלִיחִי Is. 57. 8.

2. INFINITIVE. The Absolute sometimes follows in formation the analogy of the Inf. Constr. of קָשַׁל, as עָנָה Ex. 22. 22; כָּלָה 1 Sam. 3. 12; נָקָה Jer. 30. 11. In חָפֵיחִי (חָפֵיחִי) Hos. 6. 9, the original י makes its appearance.

3. FUTURE. In תִּנָּחֵה Lev. 18. 7, the ה quiesces in Tseri instead of Segol. Peculiarly anomalous is אֶרְרֶךְ Is. 16. 9, from the root רָרַח where, according to Gesenius, we are to recognise a transposition of letters for אֶרְרֶךְ. In וְאֶעֱנֶה 1 Kings 11. 39, we have a contraction by § 26. I. 2, for וְאֶעֱנֶה. Also by contraction וְרָנָה Lam. 3. 33, for וְרָנָה; וְרָדָה Lam. 3. 53, for וְרָדָה. In the plur. the primitive י instead of ה appears, as in Kal, as תִּדְמִינִי Is. 40. 25, Ex. 15. 5. The apocope forms in this conjugation not only drop their final ה with its vowel, but also the Dagesh forte from the middle radical, because this letter becomes final, § 12. 2, as וְרָנָה, וְרָדָה. In one or two cases the Pattah is lengthened to Kamets, as וְרָדָה 1 Sam. 21. 14, for וְרָדָה; וְרָנָה Prov. 25. 9.

4. IMPERATIVE. Variant from this is רָבֵה Judg. 9. 29, with Segol anomalous. In דִּלֵּי Prov. 26. 7, the י is commutative for ה, דִּלֵּי. The apoc. form is not usual here, as נָלֵה for נָלֵה Am. 6. 10, for הָפֵה; צִרֵה for צִרֵה Deut. 3. 28.

5. PARTICIPLE. Occasionally with final Tseri, as מְחַבֵּה Is. 64. 4; מְזַרֵה Jer. 31. 10. By commutation מְרַפֵּה for מְרַפֵּה Jer. 38. 8. In the plur. מְכַחֲרִי Gen. 21. 16, for מְכַחֲרִי, ה being exchanged for ו.

§ 99. PUAL.

Conforms in all respects to paradigm of נָלֵה. In one case we find Shureq instead of Kibbutz, וְרָנָה Ezek. 16. 34. In רָאֵה the Dagesh is excluded without compensation. With compensation we have דָּחֵה Ps. 36. 13. Also with Kamets Hateph instead of Kibbutz, as כָּלֵה Ps. 72. 20, כָּסֵה Ps. 80. 11.

§ 100. HIPHIL.

1. PRETERITE. The characteristic ה sometimes has Segol even though not followed by a Guttural, as הִנָּחָה Est. 2. 6, הִרָאָה Gen. 41. 28. With the first radical a Guttural the form is regular, as הִצָּרָה Is. 53. 12. Hence in one instance we find הִחָלִי Is. 53. 10, for הִחָלָה. Specially anomalous is הִעָלָה Hab. 1. 15, with Tseri instead of Pattah. In the 3d pers. sing. fem. we have sometimes the Chaldaic form of הִנָּלָה instead of הִנָּלָה, as הִרָצָה Lev. 26. 34, הִלָּצָה Ezek. 24. 12, where ה has Segol as above. For Tseri before Yod we sometimes find Hireq, as in the other conjugations, as הִעָלִיתָ Ex. 23. 1, הִנָּלִיתָ 2 Kings 17. 26. Specially anomalous is הִפָּתִיתָ Prov.

24. 28. A Chaldaic form appears in חִמְסִיר Josh. 14. 8. Compare אֲשָׁחִיר Dan. 3. 21, and וְחִמְרִי Dan. 5. 3.

2. INFINITIVE. Of a peculiar form is הִרְבָּה Gen. 3. 16, and הִרְבָּה Gen. 22. 17, retaining Kamets from the termination of the Preter. In the Construct we find הִקְצֹוֹת Lev. 14. 43, for הִקְצֹוֹת. By a special anomaly לְהִשָּׂאוֹת 2 Kings 19. 25, occurs for לְהִשָּׂאוֹת, the א being elided and the preceding points transposed.

3. FUTURE. Assimilated Pe נ makes אָטָה (אֲנִיטָה), רָבָה (רִנְבָה), &c. In רָפָא Lev. 27. 2, the final א is commutative for ה (רָפָה). So רָשִׁיא Ps. 89. 23, and by apoc. רָשִׁי Ps. 55. 15. Apocope here presents a twofold form, (a) The *nude*, or simple, as יָרָד (יִרְדָה), רָפָה (רִפְתָה), תָּשַׁק (תִּשְׁקָה); and (b) The Segolate, i. e. with a future vowel, as יִרְעַל, יִרְחַע, יִרְגַל. To this conjug. belongs יִרְאָה, from רָאָה, and the following forms of פ"נ and פ"י verbs, viz. אָס Job 23. 11, with Kamets instead of Pattah on account of tone; elsewhere אָס and אָטָה, from נָטָה, יִרְוּ from יָרָה, יִרְבּוּ from יָרָה, יִרְבּוּ from יָרָה.

4. IMPERATIVE. An apocopated form sometimes occurs here, as הָרָה Deut. 9. 14, for הָרַב, הָרַב Ps. 51. 4, for הָרַבָה. If the first radical be a Guttural, two Pattahs are employed, as הָעֵל Ex. 33. 12. Specially anomalous is הָשַׁע Ps. 39. 14, taking its form from הָשַׁע, but its signification from הָשַׁע. Verbs of פ"נ and פ"י make the Imp. Hiph. thus; הָזַח (הִזְחָה), הָבַח and apoc. הָחַח (הִחְבָה); הָטַח, apoc. הָטַח (הִטְחָה); הָרַח (הִרְחָה) from הִרְחִי, הָרַח from הִרְחִי.

5. PARTICIPLE. With פ"נ assimilated מִבָּה (מִנְבָה), and with Tseri instead of Segol, מִבָּה (מִנְבָה); מִבָּה (מִנְבָה); מִבָּה (מִנְבָה). Also מוֹרָה and מוֹרָה from יָרָה and יָרָה.

§ 101. HOPHAL.

PRETERITE. A Holem occurs in הָעֵל Judg. 2. 28, on account of pronunciation. A few verbs Pe Nun assume the form of either הָבָה or הוֹבָה. The other parts of the verb present no anomalies of consequence.

§ 102. HITHPAEL.

1. PRETERITE. One of the most peculiar words of this class is שָׁחַח to bow down or worship, which shows in Hithpael its original א as third radical; but as it militates with usual analogy to employ א as a final moveable radical, the weak ה is superadded, apparently for the sake of euphony; as Pret. הִשְׁתַּחֲוִה, Fut. תִּשְׁתַּחֲוִה. In the Apoc.

Fut. the ך quiesces in Shureq, as רִשְׁתָּחֶר for רִשְׁתָּחֶר. Inf. with ה paragogic הִשְׁתַּחֲרֶה 2 Kings 5. 18. In הִתְחַרְדָּה Lev. 5. 5, from חֲרַדָּה the primitive ח is exchanged for ר. In הִתְחַרְפִּיתָ Prov. 24. 10, and הִשְׁתַּחֲוִיתָ 1 Kings 14. 2, Hireq occurs instead of Tseri.

2. FUTURE. With syncope of the formative letter אֲדַמָּה Is. 14. 14, for אֲדַמָּה; as also אֲדַרְדָּה Is. 38. 15. In נִשְׁתַּעַר Is. 41. 23, Kamets occurs instead of Segol. In the Apoc. Fut. the last letter and vowel together with the characteristic Dagesh are omitted, as וְיִחַנֵּל Gen. 9. 21, for וְיִחַנֵּלָה; and without Vav conversive וְהָאָרָא Ps. 45. 12, וְהָאָרָא Prov. 23. 3, 6, וְהָאָרָא Deut. 2. 9, 19. In Gen. 27. 29 : 43. 28, and 1 Kings 9. 9, we find the imperfect form רִשְׁתָּחֶר evidently for רִשְׁתָּחֶר.

§ 103. Interchange of Forms between Verbs ל" Aleph and ל" He.

The near relation of these two classes of verbs, which in the Chaldee are entirely identical, causes a frequent interchange of the forms peculiar to the one for those that are characteristic of the other. Thus we find of the former, כָּלְאָתָי Ps. 119. 101, for כָּלְאָתָי; חָשָׂא Eccl. 8. 12, for חָשָׂא; מָלָא Jer. 51. 34, for מָלָא; רָפְאָתָי 2 Kings 2. 21, for רָפְאָתָי; רִנְמָא Job 39. 24, for רִנְמָא; נָבִירָה Jer. 26. 9, for נָבִירָה, with substitution of ר for א. Of the latter, רָצְאָתָי Ezek. 43. 27, for רָצְאָתָי; רָצְאָה Ezek. 1. 14, for רָצְאָה; רָשָׁנָא Lam. 4. 1, for רָשָׁנָה; וְיִחַנֵּלָה 2 Chron. 16. 12, for וְיִחַנֵּלָה; שָׁנָא 2 Kings 25. 29, for שָׁנָה; שָׁנָא Eccl. 8. 1, for שָׁנָה.

§ 104. Verbs Doubly Anomalous.

From the preceding exposition of the Hebrew verb, it appears that the principal deviations from the regular form arise from the occurrence of ן or one of the quiescents א, ה, ר, among the root-letters. But the root may have both ן and one of the quiescents in at the same time, as radicals; as for instance, נָשָׂא to bear, to carry, נָשָׂא to stretch out; or it may have two quiescents, as אָבָה to be willing, רָצָא to go out, רָרָה to throw, to dart, בּוֹא to come. In such cases the verbs are said to be *doubly anomalous*, inasmuch as they are subject at the same time to two different sets of rules, viz. those specified under the several classes to which each letter pertains. Thus, for instance, the ן of נָשָׂא will be regulated by the rules laid down § 66, under the class of פ"נ verbs, giving for the future אֲנַשָּׂא (for אָנַשָּׂא) while א will be subject to the rules contained § 91,

in reference to א"ל verbs, and hence the Fut. יִשָּׂא with final Kamets. So also the א of אָבָה will follow the analogy of verbs א"פ, § 54, forming the Fut. יִאָּבֶה, while the ה conforms to the model of verbs ל"ל, exhibiting final Segol. The same is the case with numerous other verbs, a list of the principal of which we here subjoin.

Verbs פ"נ and א"ל.

נָשָׂא, Inf. שָׂאָה, also שָׂוָא; Fut. יִשָּׂא, Ruth 1. 14, for תִּשָּׂאָה; Imp. שָׂא, fem. שָׂאִי.
נָשָׂא, Hiph. הִשָּׂאָה Jer. 4. 10; Inf. constr. with prep. ל, לְהִשָּׂאוֹת 2 Kings 19. 25, for לְהִשָּׂאוֹת, or לְהִשָּׂאוֹת.
נָבֵא, Niph. הִנְבִּיאָה Ezek. 37. 7; Inf. הִנְבִּיאָה Zech. 13. 4; Hithp. הִתְנַבְּאָה Ezek. 37. 10, Infinitive הִתְנַבְּאוֹת for הִתְנַבְּאוֹת.

Verbs פ"נ and ל"ל.

נָחַשׁ, Fut. יִנְחֹשׁ, Fut. apoc. יִנְחֹשׁ, Hiph. הִנְחֹשׁ, Fut. יִנְחֹשׁ, apoc. יִנְחֹשׁ, 1st pers. sing. נָחַשׁ Job 23. 11, with ו conv. יִנְחֹשׁ 2 Sam. 19. 15, נָחַשׁ Jer. 15. 6.
נָחַשׁ, Hiph. הִנְחֹשׁ, Fut. יִנְחֹשׁ, apoc. יִנְחֹשׁ, 1st pers. sing. נָחַשׁ, Imp. הִנְחֹשׁ, apoc. הִנְחֹשׁ Ex. 8. 12, Hiph. הִנְחֹשׁ, once הִנְחֹשׁ Ps. 102. 5, for הִנְחֹשׁ.
נָחַשׁ, Fut. יִנְחֹשׁ, with ו conv. יִנְחֹשׁ 2 Kings 9. 33, apoc. יִנְחֹשׁ Is. 63. 3, Hiph. הִנְחֹשׁ, Fut. יִנְחֹשׁ, with ו conv. יִנְחֹשׁ Lev. 8. 11.
נָחַשׁ, Niph. הִנְחֹשׁ, Hiph. הִנְחֹשׁ, Inf. הִנְחֹשׁ Num. 26. 9.
נָחַשׁ, Niph. הִנְחֹשׁ, Hiph. הִנְחֹשׁ, Fut. יִנְחֹשׁ.

Verbs א"פ and ל"ל.

אָבָה, Fut. תִּבָּה Prov. 1. 10, for תִּאָּבֶה.
אָלָה, Fut. יִאָּלֶה, with ו conv. יִאָּלֶה 1 Sam. 14. 24. According to others irreg. Fut. Hiph.
אָפָה, Fut. תִּפָּפֶה Ex. 16. 23, with omission of א, יִתְפָּפֶה 1 Sam. 28. 24; Niph. Fut. תִּפָּפֶה Lev. 6. 10, Imp. אָפֶה Ex. 16. 33, by Syriasm for תִּפָּפֶה.
אָתָה, Fut. תִּאָּתֶה Mic. 4. 8, but in Prov. 1. 27, יִאָּתֶה; with ו conv. יִאָּתֶה Is. 41. 25, plur. יִאָּתֶה Is. 41. 5, יִאָּתֶה Deut. 33. 21, for יִאָּתֶה, Imp. אָתֶה Is. 21. 12, Hiph. Imp. אָתֶה Is. 21. 14, for אָתֶה.

Verbs פ"ר and א"ל.

רָצָא, Inf. צָאָה, Imp. צָא, Hiph. הִרְצָאָה.

Verbs ע"י and ל"ה.

יָרַח, Imp. יָרַח Jer. 50. 14, Pi. Fut. יָרַח Lam. 3. 53, either for יָרַח or Hiph. יָרַח; Hiph. הִרְחָה, Fut. יִרְחָה, apoc. יִרְחָה, Hithp. הִתְרַחָה.

יָרַח, Inf. יָרַח, יָרַח, Fut. with suff. יָרַח Num. 21. 30; Niph. יִרְחָה Ex. 19. 13, Hiph. Inf. הִרְחָה, Fut. יִרְחָה, יָרַח, with ו conv. יִרְחָה 2 Kings 13. 17, Part. מִרְחָה.

יָרַח, Hiph. הִרְחָה, Fut. תִּרְחָה Job 19. 2, Part. with suff. מִרְחָה Is. 51. 23; Niph. Part. constr. נִרְחָה Zeph. 3. 18, for נִרְחָה; Pi. Fut. יִרְחָה Lam. 3. 33, for יִרְחָה.

יָרַח, Fut. with suff. יָרַח Ps. 74. 8; Hiph. הִרְחָה Ezek. 22. 7, Fut. תִּרְחָה Lev. 25. 14, Part. with suff. מִרְחָה Is. 49. 26.

יָרַח, Fut. יִרְחָה, with ו conv. יִרְחָה Ezek. 31. 7, יִרְחָה Ezek. 16. 13, Pi. Fut. יִרְחָה Jer. 10. 4, Hithp. Fut. יִתְרַחָה Jer. 4. 30. Intens. form יִרְחָה Ps. 45. 3.

CHAPTER VIII.

§ 105. VERBS WITH PRONOMINAL SUFFIXES.

1. That remarkable peculiarity of the Hebrew and the other Shemitic languages, by which not only the *personal*, but also the *governed* or *objective* case of pronouns is so appended to the verb as to form with it a single word, has already been adverted to, § 30. I. 3. It is there remarked that the personal pronouns have a *broken* or *fragmentary* form which is assumed for this purpose, so that instead of saying קָטַל אֲנִי *he killed me*, we have קָטַלְנִי, and instead of קָטַלְתָּם or קָטַלְתָּ אֹתָם *thou didst kill them*, we have קָטַלְתָּם. This kind of connection, however, between the verb and its suffix is not so close as that between nouns and their suffixes (דְּבָרִי *my word*), and consequently the verbal suffixes are not so much *contracted*, or, in other words, are less *fragmentary* than the nominal. Indeed they sometimes remain entirely detached from the governing verb, as קָטַל אֹתוֹ *he killed him*. The following are the terminations by which such pronouns are indicated.

Sing.	Plur.
1 c. <i>me</i>	1 c. <i>us</i>
2 m. <i>thee</i>	2 m. <i>you</i>
2 f. <i>thee</i>	2 f. <i>you</i>
3 m. <i>him</i>	3 m. <i>them</i>
3 f. <i>her</i>	3 f. <i>them</i>

2. These suffix pronouns are for the most part united to verbs by means of what is termed *a union-vowel*, § 30. I. 4, substituted in place of the final vowel of the verb, which falls away, as *he will keep me* (for *he will keep me*), where Tseri is the union-vowel. A fuller view of the verbal suffixes with their union-vowels is given in the following table.

Sing.	Plur.
1 c. <i>me</i>	1 c. <i>us</i>
2 m. <i>thee</i>	2 m. <i>you</i>
2 f. <i>thee</i>	2 f. <i>you</i>
3 m. <i>him</i>	3 m. <i>them</i>
3 f. <i>her</i>	3 f. <i>them</i>

3. These suffixes, especially in the singular of the Fut., are sometimes preceded by an epenthetic Nun, which is usually assimilated to the first letter of the suffix, and expressed by Dagesh forte, though in the poetical books the *n* is not unfrequently written out, as *he will glorify me*, Ps. 50. 23. In this case the suffixes assume the forms exhibited in the following table.

Sing.	Plur.
1 c. <i>me</i> and <i>me</i> for <i>me</i> and <i>me</i>	1 c. <i>us</i> for <i>us</i> and <i>us</i>
2 m. <i>thee</i> and <i>thee</i> for <i>thee</i> and <i>thee</i>	2 m. <i>you</i> for <i>you</i> and <i>you</i>
2 f. <i>thee</i> for <i>thee</i>	2 f. <i>you</i> for <i>you</i>
3 m. <i>him</i> for <i>him</i>	3 m. <i>them</i> for <i>them</i>
3 f. <i>her</i> for <i>her</i>	3 f. <i>them</i> for <i>them</i>

In the poetical books we occasionally meet with the suffixes *me*, *thee*, *him*, *her*, 2d pers. sing. masc. and fem., instead of *me*, *thee*, and *thee*, as *they shall bless thee*, Ps. 145. 10, for *they shall bless thee*, Ps. 135. 6.

4. The natural effect of the accession of suffixes to verbs is an increase in the number of syllables. But as a counteractive to this the tone usually moves forward in such cases, which causes one or more of the preceding vowels to fall away, leaving Sheva simple or

composite in their place, and thus diminishing the number of distinct syllables. Thus in the 3d pers. sing. and plur. Pret. the Kamets of the first radical in consequence of accession falls away, and the Pattah of the second becomes Kamets by standing in a mixed syllable, according to § 8. 3, while in the fem. the ה is changed into ה . . . Consequently,

$\left. \begin{array}{l} \text{קָטַל} \\ \text{קָטְלָה} \\ \text{קָטְלוּ} \end{array} \right\} \text{ becomes } \left\{ \begin{array}{l} \text{קָטַל, as קָטְלָה} \\ \text{קָטְלָה, as קָטְלָה} \\ \text{קָטְלוּ, as קָטְלָה} \end{array} \right.$

The other changes which take place from the same cause will be best learned from the annexed paradigm.

PARADIGM OF SUFFIXES.

§ 106. PRETERITE OF KAL.

SINGULAR.

(a.) 3d Pers. masc. קָטַל *he has killed.*

Sing.		Plur.	
1 c.	קָטַלְתִּי <i>me</i>	1 c.	קָטַלְתֶּם <i>us</i>
2 m.	קָטַלְתָּ <i>thee</i>	2 m.	קָטַלְתֶּם <i>you</i>
2 f.	קָטַלְתְּ <i>thee</i>	2 f.	קָטַלְתֶּן <i>you</i>
3 m.	קָטַלָּהּ <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתָּ <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

(b.) 3d Pers. fem. קָטַלְתְּ *she has killed.*

1 c.	קָטַלְתִּי <i>me</i>	1 c.	קָטַלְתֶּם <i>us</i>
2 m.	קָטַלְתָּ <i>thee</i>	2 m.	קָטַלְתֶּם <i>you</i>
2 f.	קָטַלְתְּ <i>thee</i>	2 f.	קָטַלְתֶּן <i>you</i>
3 m.	קָטַלְתָּהּ, קָטַלְתָּ <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתָּ <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

(c.) 2d Pers. masc. קָטַלְתָּ (קָטַלְתָּ) *thou hast killed.*

1 c.	קָטַלְתִּי <i>me</i>	1 c.	קָטַלְתֶּם <i>us</i>
3 m.	קָטַלְתָּהּ, קָטַלְתָּ <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתָּ <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

(d.) 2d Pers. fem. קָטַלְתְּ *thou hast killed.*

1 c.	קָטַלְתִּי <i>me</i>	1 c.	קָטַלְתֶּם <i>us</i>
3 m.	קָטַלְתָּהּ, קָטַלְתָּ <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתָּ <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

(e.) 1st Pers. com. קָטַלְתִּי *I have killed.*

Sing.		Plur.	
2 m.	קָטַלְתָּ <i>thee</i>	2 m.	קָטַלְתֶּם <i>you</i>
2 f.	קָטַלְתְּ <i>thee</i>	2 f.	קָטַלְתֶּן <i>you</i>
3 m.	קָטַלְתִּי <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתְּ <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

Plur.

(f.) 3d Pers. com. קָטַלוּ *they have killed.*

1 c.	קָטַלְנוּ <i>me</i>	1 c.	קָטַלְנוּ <i>us</i>
2 m.	קָטַלְתֶּם <i>thee</i>	2 m.	קָטַלְתֶּם <i>you</i>
2 f.	קָטַלְתֶּן <i>thee</i>	2 f.	קָטַלְתֶּן <i>you</i>
3 m.	קָטַלְתֶּם <i>him</i>	3 m.	קָטַלְתֶּם <i>them</i>
3 f.	קָטַלְתֶּן <i>her</i>	3 f.	קָטַלְתֶּן <i>them</i>

§ 107. INFINITIVE KAL.

1. The Inf. Kal (קָטַל, קָטַל) when suffixed is treated for the most part like a *Segolate noun* (of the form קָטַל, קָטַל) of which the vowel in the first syllable is for the most part short (קָטַל). A very few cases vary from this and exhibit קָטַל. We give in the paradigm only the common form with Holem.

Sing.		Plur.	
1 c.	קָטַלְתִּי <i>my killing</i>	1 c.	קָטַלְנוּ <i>our killing</i>
2 m.	קָטַלְתָּ <i>thy killing</i>	2 m.	קָטַלְתֶּם <i>your killing</i>
2 f.	קָטַלְתְּ <i>thy killing</i>	2 f.	קָטַלְתֶּן <i>your killing</i>
3 m.	קָטַלְתִּי <i>his killing</i>	3 m.	קָטַלְתֶּם <i>their killing</i>
3 f.	קָטַלְתְּ <i>her killing</i>	3 f.	קָטַלְתֶּן <i>their killing</i>

§ 108. FUTURE KAL.

1. All the persons of the Fut. which end in the last letter of the root, lose their final vowel before suffixes, except that before קָ, כָּ, כֶּ, the vowel remains, and becomes Kamets Hateph. The suffix has the union-vowel *e*.

Sing.		Plur.	
1 c.	יִקְטַלְנִי <i>he will kill me</i>	1 c.	יִקְטַלְנֵם <i>they will kill us</i>
2 m.	יִקְטַלְךָ &c.	2 m.	יִקְטַלְכֶם &c.
2 f.	יִקְטַלְתְּ	2 f.	יִקְטַלְתֶּן
3 m.	יִקְטַלְהוּ	3 m.	יִקְטַלְהֶם
3 f.	יִקְטַלְהֶן	3 f.	יִקְטַלְהֶן

§ 109. IMPERATIVE KAL.

1. This conforms very nearly to the Infinitive. The suffixes, however, have generally the union-vowel Tseri; as

Sing.	Plur.
1 c. <i>קַטְלֵנִי</i> <i>kill me</i>	1 c. <i>קַטְלֵנוּ</i> <i>kill us</i>
3 m. <i>קַטְלֵהוּ</i> &c.	2 m. <i>קַטְלֵם</i> &c.
3 f. <i>קַטְלֵהָ</i>	

NOTE. The plural form *קַטְלֵנוּ* remains unchanged, whatever the accession at the end, as *קַטְלֵנוּךְ*, *קַטְלֵנוּהָ*, &c.

2. As all the remaining conjugations terminate in the same manner, they all follow the analogy of Kal in receiving suffixes, with very trifling variations. We give simply the Preter of Piel as a specimen.

Sing.	Plur.
1 c. <i>קַטְלֵנִי</i> <i>he will violently, &c.</i>	1 c. <i>קַטְלֵנוּ</i> <i>they will, &c.</i>
2 m. <i>קַטְלֵךְ</i> &c.	2 m. <i>קַטְלֵכֶם</i> &c.
2 f. <i>קַטְלֵךְ</i>	2 f. <i>קַטְלֵהָ</i>
3 m. <i>קַטְלֵהוּ</i>	3 m. <i>קַטְלֵם</i>
3 f. <i>קַטְלֵהָ</i>	3 f. <i>קַטְלֵהָ</i>

REMARKS ON THE VERBAL SUFFIXES.

§ 110. General Remarks.

1. As the effect of the suffixes is either to add a new accented syllable, or to give to a syllable the tone which it had not before, a change in the vowels, according to the laws of the tone (§§ 21 and 27, 11-14, is the necessary consequence. (a) In the Preter the vowel of the fore-tone (§ 21. 3.) under the first radical always disappears, as *קַטְלֵנִי*, *קַטְלֵךְ*. (b) The vowel of the penult which was before long, now falls into an unaccented syllable and becomes short, as *קַטְלֵנוּ* Ps. 13. 5, from *קַטְלֵנוּ*. In the Future, as the first syllable is mixed and its vowel is incapable of being rejected, the last syllable only admits of change, and that only when it is mutable. Accordingly the short or accented final vowel disappears here entirely before the union-vowel, as *קַטְלֵנוּ* for *קַטְלֵנוּהוּ*. But where no union-vowel occurs the second vowel is merely shortened, as *קַטְלֵנוּ*.

2. When the suffixes are attached to those persons of the verb

which end with the last radical consonant, no change takes place in the termination of the verb; but when appended to the affirmatives of several of the persons, a peculiar modification of the form ensues. (a) The characteristic vowel termination of the third person sing. fem. of the Pret. חָ, *ā*, is hardened into חּ - *ūth*, as חָטְאָהּ, *hāthāh*. (b) The liquid final ך and ם of the plur. are expelled, as if they stood in the way of a sufficiently close connection between the verb and its suffix, as חָטְאָהּ for חָטְאָהֶּךָ or חָטְאָהֶנּוּ. (c) In the sec. pers. fem. sing. the original vocalic ending הִי (§ 30. I. 2. b.) is often found before the suffix in order to prevent the concurrence of two vowelless consonants, as חָטְאָהִי *thou* (f.) *hast killed me*. In a few cases (י) is here taken instead of (י), as חָטְאָהִי Jer. 2. 27, for חָטְאָהִי (חָטְאָהִי); Josh. 2. 17, 20, for חָטְאָהִי; and occasionally (...), as חָטְאָהִי Josh. 2. 18, for חָטְאָהִי.

§ 111. *Preterite*.

1. Verbs whose second radical has (י) generally retain this characteristic vowel before the suffixes, as חָטְאָהּ Deut. 7. 13, חָטְאָהּ Lev. 16. 4, חָטְאָהּ Deut. 24. 3. But in the Piel and the other forms which have (י) in the last syllable, this vowel before ך, ךָּ, ךָּ, is shortened into (י), as חָטְאָהּ Deut. 30. 3, חָטְאָהּ Deut. 32. 7. But with Pattah there is no change, as חָטְאָהּ, בָּרַכְהָ. Before the rest of the suffixes this final long vowel falls away, as also before ך in pause, as חָטְאָהּ, חָטְאָהּ. The third pers. fem. sing. exhibits a kind of contraction or assimilation analogous to that of חָטְאָהּ, viz. the termination חָטְאָהּ is contracted into חָטְאָהּ, and חָטְאָהּ into חָטְאָהּ. This is indicated by the Dagesh inserted in ח upon the elision of the aspirate ח, as חָטְאָהּ for חָטְאָהּ, חָטְאָהּ for חָטְאָהּ. In the masc. both forms appear, as חָטְאָהּ Prov. 31. 12, and חָטְאָהּ 1 Sam. 1. 24. The suffix חָ is sometimes written חָ without Mappiq, as חָטְאָהּ Amos 1. 11, for חָטְאָהּ. In all the plurals ending in ו the suffix is appended without a union-vowel, as חָטְאָהּ, חָטְאָהּ, &c.

§ 112. *Future*.

1. The union-vowel and the epenthetic ו are peculiarly characteristic of the Future. But before ך, ךָּ, ךָּ, the original vowels Holem and Tseri are retained, only becoming shortened because they

lose the tone, as *יִקְטֹלְךָ*, *יִקְטֹלְכֶם*, *יִקְטֹלְכֶן*. On the contrary, in that class of verbs which has Future Pattah, and *especially* all those whose second or third radical is Guttural, the Pattah is retained, but lengthened into Kamets before the union-vowel, as *יִבְעֹלְךָ* Is. 62. 5, *יִשְׁפֹּכְךָ* Deut. 28. 30, *יִמְצֹאְךָ* Job 20. 8. By a Syriasm the suffixes sometimes become attached without a union-vowel to the plural form *וְךָ*, as *יִמְצֹאוּנְךָ* Jer. 2. 24. In such cases we often find Kibbuts written instead of Shureq, as *יִקְרֹאֲנִי* and *יִמְצֹאֲנִי* Prov. 1. 28. The epenthetic *נ* is sometimes inserted before *וְךָ* for the sake of euphony, as *יִקְטֹלְנְךָ* for *יִקְטֹלְךָ*. In this case the *וְךָ* is often rejected and compensated by Dagesh, as *יִקְטֹלְנֶךָ*, *יִקְטֹלְנֶךָ*. On the same principle we find a Dagesh compensative of *נ* elided inserted in the suffix *ךָ* in several words, as *אֶרְאֶךָ* Gen. 12. 1, *אֶתְבַּעֲךָ* Is. 43. 5. So also in *כָּה* of the same person, as *תִּנְצֹרְכָה* Prov. 2. 11, and in *נִי* of the first pers. sing., as *יִעֲרֹכֵנִי* Jer. 49. 19.

§ 113. Infinitive and Imperative.

1. The suffixes in these modes are added according to the analogy of the Future, i. e. by means of the union-vowel. The Infinitive sometimes exhibits (*וְ*) under the second radical instead of the first, as *אֶרְאֶךָ* Gen. 2. 17, *אֶתְבַּעֲךָ* Gen. 3. 5; and occasionally though rarely with (*וְ*) under the first, as *קָצַרְכֶם* Lev. 23. 22.

§ 114. Suffixes of Verbs ו"ל.

1. These verbs have special peculiarities as to the attachment of their suffixes. Since their last syllable ends with the weak and expelled *וְ* or *וּ*, this termination is lost before the suffix, as *צִוְנִי*, *צִוְנֶךָ*. In the third pers. fem. sing. Pret. the suffix is not attached to the longer form *נִלְתָּה*, but to the shorter and older one *נִלְתָּ*, as *עֲשִׂיתָנִי*, or shortened into *נִלְתָּ*, as *רָאיתָךְ*; and so with Dagesh *נִלְתָּהוּ* for *נִלְתָּהוּ* Zech. 5. 4. See § 111.

§ 115. Table of Rare and Anomalous Suffix Formations.

אֶזְכֶּרְךָ Ezek. 28. 16. Fut. Pi.	בְּנוֹתֶיךָ Ezek. 16. 31. Inf. K.
אֶרְבֶּם 2 Sam. 22. 43. F. Hiph.	רַחֲמֶיךָ Ps. 51. 7, for רַחַ' Pr. Pi.
אֶהוּדְנָה Ps. 28. 7. id.	שׁוֹבְבֶיךָ Is. 47. 10. Pr. Pi. (Polel)
אֶוֹדְךָ Ps. 118. 28. id.	מַסְלִלְיָנִי Jer. 15. 10. Part. Pi.
אֶחָדְךָ Job 15. 17. Fut. Pi.	הֶעֱסָדָה Ex. 9. 18, for עָדָה' Inf. N.
אֶחַשְׁטָנָה Gen. 31. 39. id.	וַיִּגְרֶשׁוּם Ex. 2. 17, for שָׁרַן' F. Pi.
אֶכְלֶךָ Ex. 33. 3. id.	וַיֹּאסְרוּם 1 Sam. 6. 10. F. Kal.
אֶכְרָה Hos. 3. 2. Fut. Kal.	קָצַרְכֶם Lev. 23. 22. Inf. Kal.
אֶמְאָסְאֶךָ Hos. 4. 6. id.	בָּחָרִי Ezek. 20. 5. id.
אֶסְעֶרֶם Zech. 7. 14. F. Pi.	אֶחָכֶם Hos. 9. 10. id.
אֶסְפֶּךָ 2 Kings 22. 20. Part. K.	מָאֲסָכֶם Is. 30. 12. id.
" 1 Sam. 15. 6. Fut. Kal.	קָרַבְכֶם Deut. 20. 2. id.
אֶפְרֶם Hos. 10. 10. F. Kal.	מִצְאָכֶם Gen. 32. 20, for מֵצֵ' id.
אֶפְאַרְיָה Deut. 32. 26. F. Hiph.	חָנְנָה Ps. 102. 14. Inf. P. or K.
אֶרְנֶךָ Is. 16. 9. (רָנָה) F. Pi.	חָנְנֶכֶם Is. 30. 18. Inf. Kal.
אֶתְקַנֶּךָ Jer. 22. 24. F. Kal.	בָּקַעַם Am. 1. 13. id.
נִשְׁנִי Gen. 41. 51. Pret. Pi.	רָקַעְךָ Ezek. 25. 6. id.
אֶיָּבָךָ 2 Sam. 4. 8. Part. Kal.	יָחַדְפֶם Josh. 23. 5. Fut. Kal.
נָצַרְךָ Prov. 4. 13. Imp. K.	פָּרַשְׁכֶם Is. 1. 14. Inf. Pi.
חֲזוֹתֶיכֶם Ezek. 6. 8. Inf. Niph.	אֶמְצָכֶם Job 16. 5. Fut. Pi.
הֶמִּיתִיר 1 Sam. 17. 35. Pret. H.	יַעֲשֶׂרְנָה 1 Sam. 17. 25. F. Hiph.
הֶפְרָכֶם Lev. 26. 15. Inf. Hiph.	תִּאֲבָלְךָ Job 20. 26. Fut. Pi.
הֶצְפִּינוּ Ex. 2. 3. dag. euph. id.	יִשְׁעָכֶם Is. 35. 4. Fut. Hiph.
הֶחֱרַבְךָ Is. 33. 1. id.	חֲבִירָהוּ Hab. 3. 2. Imp. Pi.
יָחִיבְךָ Hab. 2. 17. Fut. Hiph.	יִכְסּוּמוֹ Ps. 140. 10. Fut. Pi.
יָכַסְרָמוֹ Ex. 15. 5. Fut. Pi.	הֶבִירִי 1 Kings 20. 35. Imp. H.
לָדַתְנָה Job 39. 2. Inf. Kal.	בָּרַם Eccles. 3. 18. Inf. Kal.
צִדְקָתְךָ Ezek. 16. 52. Inf. Pi.	חֲחֹלֶם Gen. 11. 6. Inf. Hiph.
תּוֹנִים Ezek. 16. 28. F. (f) K.	הֶשְׁמָח 2 Chr. 36. 21. Inf. Hoph.
תִּשְׁלַחְנָה Ezek. 23. 40. F. Kal.	יִלְבְּדֶנִי Prov. 5. 22. Fut. Kal.

This list might be increased, but the remaining forms can be found in the Remarks on the various Paradigms.

§ 116. Contracted Suffix Forms.

[The Pronominal Suffixes are, for the most part, appended to *transitive* verbs, and sustain to them the relation of the *objective* or *accusative* case. In the following list are comprised the principal instances which occur with a Suffix joined either to transitive or intransitive verbs, expressing the relations indicated in other languages by the *dative* or *ablative* case, or by the conjunction *than*. They form a peculiar kind of *contraction*, which will be fully understood by resolving the terms into their original elements, in the same manner as in English the phrase *I will give him*, is by ellipsis for *I will give to him*.]

- בָּשָׁלָם for בָּשָׁל לָהֶם *boiled for them*, 1 Kings 19. 21.
 נָתַתָּ לִי “ נָתַתָּ לִי *thou hast given to me*, Josh. 15. 19.
 אֶנְדָּרְנוּ “ אֶנְדָּרְנוּ *I will tell him*, Job 31. 37.
 רִבּוֹאָנוּ “ רִבּוֹאָנוּ *he shall come upon him*, Job 15. 21.
 יִשְׁלַם לָךְ “ יִשְׁלַם לָךְ *he will repay thee*, 1 Sam. 24. 20.
 עָשִׂיתִי לִי “ עָשִׂיתִי לִי *I have made for myself*, Ezek. 29. 3.
 הָשִׁיב לִי “ הָשִׁיב לִי *bring me [word] again*, Gen. 37. 14.
 תִּמְלֵא מֵהֶם “ תִּמְלֵא מֵהֶם *shall be filled of them*, Ex. 15. 9.
 דַּבֵּר עִמּוֹ “ דַּבֵּר עִמּוֹ *to speak with him*, Gen. 37. 4.
 רָצָאוּ מִמֶּנִּי “ רָצָאוּ מִמֶּנִּי *are gone forth of me*, Jer. 10. 20.
 יִזְעַקוּ אֵלַי “ יִזְעַקוּ אֵלַי *shall cry to thee*, Neh. 9. 28.
 יָגִדוּ עִמָּךְ “ יָגִדוּ עִמָּךְ *shall dwell with thee*, Ps. 5. 5.
 חִיָּהֶבֶר עִמָּךְ “ חִיָּהֶבֶר עִמָּךְ *shall it be united with thee ?* Ps. 94. 20.
 יִמְרֹדוּ בָּךְ “ יִמְרֹדוּ בָּךְ *they speak against thee*, Ps. 139. 20.
 יִלְוֶה אֵלָיו “ יִלְוֶה אֵלָיו *shall cleave to him*, Eccl. 8. 15.
 תִּנְשָׁה מִמֶּנִּי “ תִּנְשָׁה מִמֶּנִּי *be forgotten of me*, Is. 44. 21.
 כִּדְשָׁתִי מִמָּךְ “ כִּדְשָׁתִי מִמָּךְ *I am holier than thou*, Is. 65. 5.
 חָנָה עֲלֶיךָ “ חָנָה עֲלֶיךָ *is encamping around about thee*, Ps. 53. 6.
 רִבְּלֹתִי מִמֶּנּוּ “ רִבְּלֹתִי מִמֶּנּוּ *I have prevailed against him*, Ps. 13. 5.
 חֲזַקְתִּי מִמֶּנִּי “ חֲזַקְתִּי מִמֶּנִּי *thou art stronger than I*, Jer. 20. 7.
 תִּזְנֶה עִמָּם “ תִּזְנֶה עִמָּם *thou (f.) hast played the harlot with them*,
 Ezek. 16. 28.
 יִשְׂשׂוּם עֲלֵיהֶם “ יִשְׂשׂוּם עֲלֵיהֶם *they shall rejoice over them*,
 Is. 35. 1.

CHAPTER IX.

THE NOUN.

§ 117. *Classification.*

1. From what is said § 28 of the nature of Hebrew roots, it appears that the noun and the verb are very closely related in their origin, both being derived from a common abstract root, and distinguished from each other mainly by difference of tone and vocalization. In the noun, however, the idea of the root is conceived of as at rest and unconnected, while in the verb it is regarded as acting and emanating. The former is used to indicate the mere *being* of an object according to its nature; the latter, to convey the idea of *action, motion, or becoming* (*feri*), and involving the distinctions of time. The noun therefore is more limited, inert, and lifeless than the verb, which is the ruling, animating, most pervading element of the language, and consequently the most fully developed; as it is here that the influences of formation have naturally the widest scope.

2. Various other distinctions and discriminations of a special kind may be added, however, to this fundamental notion of a noun, causing it to be viewed in different aspects; as (1) as expressing the bare idea of the root without regard to person, time, or manner, i. e. as a simple *substantive*; and as this is the office of the *Infinitive*, we see the propriety of considering the *Infinitive* as a species of noun; (2) as *predicating* of a person or thing the pure idea of a verbal root, i. e. the *participle*; the office of which is not so much to represent the action as actually proceeding from an agent, as to represent a person or thing as that to which the action, when it does take place, is to be attributed; as כֹּתֵב properly *one that writes*; the idea of the *person* being peculiarly prominent, and consequently giving to the word so far the leading character of a noun. Again (3) the noun may be conceived as having an *attributive* or *adjective* power, expressive of the quality of a subject; or (4) as an *abstract* derived from a verbal or nominal idea, as צְדִיקָה *righteousness*, יְשׁוּעָה *salvation*. To these many possible accessory modifications may still be added, as of intensity, frequency, the instrument, place, manner, &c., of an action.

3. Although *declension* in the sense of *varying a noun by case* is

unknown to the Hebrew, which expresses the relations of case by means of prepositions, yet the term is employed not inaptly by grammarians to denote those various *classes of nominal forms* with which the language abounds, and a convenient arrangement of which has always been attended with difficulty. In some grammars we find no less than thirteen of these declensions enumerated, distinguished principally by the vowel points peculiar to each. It is not perhaps possible to fix upon *any* partition of these forms which will not be more or less arbitrary, and liable to exception, yet the one now mentioned is altogether too complex, and imposes too much of a tax on the memory of the learner, to answer the purposes of practical utility. A classification far preferable is one founded upon a few great leading principles of formation which we have already noted, § 31. 4-6, as obtaining in regard to the verb. These are, (1) The character of vowels within the limits of the root. (2) Reduplication of radical letters. (3) The addition of extraneous letters, particularly at the beginning or end of words. The advantage of this arrangement is, that it is far less arbitrary than the other, and not being founded on a mere difference of vowels, but on the essential forms of words, it is, when once learned, much more easily remembered and applied. It may be expanded as follows:—

ORDER I.—NOUNS CONSISTING OF THE RADICAL LETTERS.

§ 118. CLASS I.

Segolates, or Nouns consisting, for the most part, of the bare letters of their roots, with the tone on the first syllable instead of the second, as is the case with the verb, § 31, 2.

1. This is the simplest and most primitive class of Hebrew nouns, in which the second radical is properly destitute of any vowel at all, i. e. the word is in fact originally *monosyllabic*, and distinguished generally by one of the three forms: בָּרַבְּ , בְּרַבְּ , בִּרְבְּ . But as the pronunciation of these forms would be in many cases exceedingly difficult, an additional vowel called a *furtive* or *euphonic* vowel is introduced in order to obviate the inconvenience. This vowel is for the most part Segol (ִ), whence the name *Segolate nouns*. Thus instead of בָּרַבְּ , in which it is scarcely possible to enounce the בְּ , by introducing (ִ) we have בִּרְבִּי , a word of comparatively easy utterance. In order, however, to render it still more euphous, the

Pattah also is changed into Segol, which gives us קֶטֶל, the more usual form of Segolate nouns. In like manner we have מֶלֶךְ for מֶלֶךְ, סֶפֶר for סֶפֶר, חֶלֶד for חֶלֶד, בֶּבֶשׁ for בֶּבֶשׁ, קֶדֶשׁ for קֶדֶשׁ, &c. In some cases where no difficulty of pronunciation exists the primitive form is retained; as נֵרַא *a valley*, חַטָּא *sin*, where the א is properly *otiant*, and נִרְיָא *ointment*, קִשְׁטָא *justice*, &c.

2. In all cases in which this class of words, by the ordinary accidence of grammar, receives an accession at the end, whether in consequence of suffix, construction, or plural ending, the necessity for such euphonic vowel is removed, and the specified additions are made to the *primitive* and not to the *Segolate* form; as מֶלֶכִּי *my king*, מֶלֶכֵּנוּ *our king*; סִפְרֵיכֶם *your books*, סִפְרֵי סֵפֶר *books of* (st. const.). Consequently קֶטֶל, קֶטֶלֶךְ, קֶטֶלֵךְ are always found before accented suffixes, only that Hireq is very commonly employed for Pattah, more especially because the latter has been already previously changed into Segol in קֶטֶל, which makes the substitution easier, § 27. 4.

3. In regard to origin the Segolate class of nouns may be traced to

(a) Verbs גuttural.

as	פֶּתַח <i>door</i>	פֶּרֶץ <i>prince</i>	נֶכַח <i>front</i>
	פֶּלְאָה <i>miracle</i>	נֶצַח <i>perpetuity</i>	נֶבִיחַ <i>arrogance</i>
	דֶּגְשָׁא <i>grass</i>	נֶמְאָה <i>flag</i>	דֶּרְבָּא <i>rest</i>

(b) Verbs ו Vav.

as	נֶעַר <i>youth</i>	פֶּעַם <i>step</i>	נֶשֶׁחַר <i>dawn</i>
	שַׁעַר <i>gate</i>	בֶּדֶךְ <i>watchtower</i>	רֶחֶם <i>womb</i>

The force of the guttural here avails for the most part (§ 25. 6.) to expel the original *e* (.) after the first radical; only a few words with the harder ח still retain it as kindred to *a*, as לֶחֶם *bread*, רֶחֶם *womb* (but רֶחֶם Judg. 5. 30). On the other hand *o* always maintains itself, as בֶּדֶךְ *trial*, נֶעַר *youth*, פֶּעַל *work*, though in אֶתֶן *tent* we find final *e* instead of *a*. As Aleph medial is too weak to support two vowels on either side of it, and to hold them apart, it rather takes the accented vowel to itself, so that פֶּאֶר or פֶּאֶר always become פֶּאֶר; so זֶאֶב, בֶּאֶר, &c. (§ 20. I. 2.). In such syllables as בֶּאֶשׁ, תֶּאֶם, the א is often rendered inaudible, so that the pronunciation becomes בֶּאֶשׁ, תֶּאֶם, though the א is still retained in the orthography;

but we also find בּוֹר, תּוֹם. It is very rare for the other gutturals besides א to attract the tone-vowel to themselves in this manner.

(c) *Verbs* ה' *He.*

as	בָּכָה <i>weeping</i>	קָצָה <i>end</i>	הָגָה <i>meditation</i>
	אַבָּה <i>rush</i>	נָכָה <i>reviling</i>	בָּסָה <i>full-moon</i>
	אַחֹה <i>sedge</i>	שָׁחַה <i>swimming</i>	בָּהָה <i>emptiness</i>
	דָּמָה <i>silence</i>	חָלָה <i>sickness</i>	יָפָה <i>beauty</i>

Segolates of this form, however, almost always proceed from י or ו as third radicals ; י being the most frequent. But in this nude state having no vowel sound following, י and ו cannot according to § 26. II. 1-4, maintain themselves as consonants, but are softened to *i* (י) and *u* (ו), the *i* particularly drawing the whole vocalization and the tone so strongly to itself that the original vowel under the first radical disappears, as פָּרִי, חָצִיר, for פָּרִי (or פָּרִי), חָצִיר. Holem, however, sustains itself somewhat more firmly, as דָּמִי, עָנִי, חָלִי for דָּמִי, עָנִי, חָלִי. The heavier and at the same time rarer ו, on the other hand always remains toneless, so that we have אָחֹה, שָׁחַה, בָּהָה, as given above. Many words in this class of obscure derivation or great apocopation have entirely lost the last vowel, which is particularly weak in these roots, and with it the last radical, without its ever returning in any subsequent formations, as בָּל (usually בָּלִי) as particle *not*, שָׁד (dual שָׁדִים *breasts*), זֶן *kind* (genus), all with the shortest pronunciation ; also with a somewhat longer one, בֶּן *son*, שֵׁם *name*, עֵץ *wood*, יֶשׁ *substance*, רֵעַ *friend*, אֵל *God*.

(d) *Verbs* ו' *Vav* and י' *Yod.*

as	אֹר <i>light</i>	בּוֹר <i>purity</i>	יוֹם <i>day</i>
	אִיר <i>flame</i>	חֹל <i>hole</i>	סוֹם <i>horse</i>
	לִימ <i>lime</i>	עִיר <i>city</i>	צִיר <i>flower</i>

In a large proportion of this class contraction takes place, in conformity with the principles laid down § 26. II. 1-4, as

prim.	מָוֶת <i>death</i>	תָּוֶד <i>midst</i>	אָוֶן <i>vanity</i>
contr.	מוֹת	תוֹד	אוֹר
prim.	בֵּית <i>house</i>	חֵיל <i>strength</i>	צֵיד <i>game</i>
contr.	בִּית	חִיל	צִיד

(e) *Verbs Double Ayin.*

as	גֵּל <i>heap</i>	צֵד <i>side</i>	צֵל <i>shadow</i>
	חֹק <i>statute</i>	כֹּחַ <i>strength</i>	חֹם <i>warmth</i>
	קֵר <i>line</i>	יָר <i>sufficiency</i>	שֵׁר <i>present</i>
	שׁוֹ <i>lamb</i>	פֶּה <i>mouth</i>	צֵר <i>ship</i>
	אִי <i>island</i>	עֵר <i>ruins</i>	פִּי <i>mouth</i>

With this class of Segolates are not to be confounded many similar forms derived from verbs ע"נ, as אָה (from אָנַה), (תִּנֵּן), (עֲנֵן), whose original נ never re-appears in the course of formation.

4. The feminine forms of the Segolates vary more or less according to the leading vowel of the masculine, as masc. מִלְכָּה, fem. מִלְכָּה; סִפְרָה, fem. סִפְרָה; רִלְדָה, fem. רִלְדָה; אִכְלָה, fem. אִכְלָה; עֲצָמָה, fem. עֲצָמָה; עֲצָרָה, fem. עֲצָרָה and עֲצָרָה; נִעְרָה, fem. נִעְרָה; שְׂבִיבָה, fem. שְׂבִיבָה; also without any specific masc. הַחֲמָה, fem. הַחֲמָה; עֲפָרָה, fem. עֲפָרָה; בְּחִירָה, fem. בְּחִירָה; עֲפָרָה, fem. עֲפָרָה; seal, fem. עֲפָרָה; capital of a pillar, fem. עֲפָרָה; lead, fem. עֲפָרָה.

§ 119. CLASS II.

Nouns originally monosyllabic, but giving the vowel and accent to the second radical, as קָטַל; but generally written with an euphonic or fore-tone vowel under the first radical, as דִּבֶּר.

1. The euphonic or fore-tone vowel in this case is usually Kamets, as יָשָׁר *upright*, but sometimes Tseri, as לֵבָב *heart*, or Holem, as בֹּרֶכֶּה. It is to be remarked, moreover, that ו or י when inserted merely as the *fulcrum* of a vowel is not to be regarded as a letter additional to those of the root. Thus גִּדּוֹל and גִּלְדִּי, though apparently consisting of four letters, are nevertheless treated as trilateral, or referred to the first general division.

2. The following are the principal varieties of form occurring under this class, of which the first are mostly adjectives.

(a.) *Form קָטַל.*

סִכָּל <i>foolish</i>	רָשָׁע <i>wicked</i>	חֲדָשׁ <i>new</i>
דִּבֶּר <i>word</i>	שֹׁכֵר <i>wages</i>	צָמָא <i>thirst</i>

Fem. קָטַלָּה, rarely קָטַלָּה.

(b.) *Form קָטַל.*

רָעִב <i>hungry</i>	צָמָא <i>thirsty</i>	שָׂבֵעַ <i>satisfied</i>
יָבֵשׁ <i>dry</i>	בִּשְׁלָה <i>boiled</i>	אָשָׁם <i>guilty</i>

Fem. קָטַלָּה, rarely קָטַלָּה.

The above, in accordance with the verb of the same form, generally denotes intransitive ideas, § 37. 2.

(c.) Form קטול or קטל.

עגל <i>round</i>	כבוד <i>honor</i>	שלום <i>safety</i>
ארוך <i>long</i>	קדוש <i>holy</i>	גבה <i>high</i>

Fem. קטולה and קטלה, rarely קטלת.

This form is also founded on intransitive ideas, but is mostly appropriated, from the native force of the Holem, to adjectives of a *permanent quality*, and is thus clearly distinguished from the preceding form.

(d.) Form קטול.

כתוב <i>written</i>	משוח <i>anointed</i>	שכול <i>childless</i>
עצום <i>mighty</i>	שלום <i>peaceful</i>	ערום <i>cunning</i>
כסוי <i>covered</i>	גלוי <i>revealed</i>	עשוי <i>done</i>

Fem. קטולה or קטלה.

This form with *u* (ו) has above all others the strictly *passive* signification, and is for the most part used as passive part. of the simple root, though sometimes related partly as adjective and partly as participle to intransitive ideas. The feminine it will be perceived retains the passive vowel (ו), but drops the fore-tone; and the same is the case with a large number of substantives of this form, owing to the peculiar strength of the second long and always immutable vowel, which is such as to sink in utterance the preceding vowel, as נמול *recompense*, רכוב *chariot*, כסוי *covering*, לבוש *clothing*. This ו may even be changed into י, as נציר *statue*, פסיל *graven image* (used only in the pl.), בליא *prison*, מעיר *mantle*, or softened into י, as חלום *a dream*, בכור *first-born*, מלא *fullness*, which *o* is again sometimes changed into Kamets, as אסר *vow*, עבד. It is also to be noted that the characteristic long vowel of this form is occasionally so far shortened in the feminine as to produce reduplication of the third radical, as נאלה *redemption*, פעלה *work*, כהנה *priesthood*.

(e.) Form קטיל.

נשיא <i>prince</i>	פקיד <i>overseer</i>	שנא <i>hated</i>
רכל <i>calumny</i>	קציר <i>harvest</i>	נקי <i>pure</i>

Fem. קטילה, rarely קטלת.

This form is a variety of the preceding pure passive form with *u* (ו),

which can be changed, according to § 7. 2, into the softer *i* (י.) whenever a substantive is formed out of the participle, as is the case in most of the above instances, seeing we have נָשָׂא *exalted*, נָשִׂיא *prince*; פָּקִיד *appointed to overlook*, פֹּקִיד *overseer*; רָצוּעַ and רָצִיעַ *story, floor*; שָׂנֵא and שֹׂנֵא *hated*. The *i* (י.) in this class is often formed by the greater lengthening of *e* (י.) of intransitive ideas, as נָעִים *pleasant* from נָעַם, עָהָק and עָהִיק *bright*, רָגַע and רָגִיעַ *weary*, פָּלִיט and פֹּלִיט *fugitive*.

§ 120. *Abstracts*. Abstract nouns of this class are formed originally from the Fut. of Kal, but exhibit a variety of characters. They occur,

(a) As mere *infinitives*; presenting the twofold form of קָטַל and קָטֵל § 33. 2, as נָגַח *the smiting*, נָקַח *the clearing*, נָקַח *the piercing*, שָׁכַח *the lying down*, הִזְקַח *the strengthening*. This latter short intransitive form is rare, and instead of it we usually find either the former with *o*, or the feminine formation, as שָׂנְאָה *to hate (the hating)*, אָהַבָה *to love*, יָרָאָה *to fear*, זָקְנָה *to grow old*, הִזְקָה *to seize*. In all these the accented syllable is very short, and the fore-tone vowel altogether wanting, as if formed immediately from the Fut. קָטַל, רָקַט, רָקַטָה.

(b) As *substantives*; and mostly from intransitive roots. Here the fem. ending is predominant, as רִשְׁעָה *injustice*, (differing from רָשַׁע as *adōma* from *adōmaos*), דִּמְעָה *weeping*, עֲרֹהָ *nakedness*, אִמְרָה *speech*, הִלְרָה *ornament*, צִדְקָה *righteousness*. But Abstracts can be formed also by lengthening the accented vowel, which produces also a foretone, § 21. 3, and thus dispensing with the fem. termination, although that can exist at the same time. Thus רָעַב *hunger*, צָמָא *thirst*, אָשָׁם *guilt* (whereas אִשְׁמָה with *Pattah* on account of Gut. א. is rather an infinitive), קָהָל *assembly*, שָׂכָר *reward*, צִדְקָה *righteousness* (differing from צִדְקָה as *justitia* from *jus*), נְדָבָה *free will*, שְׁמָמָה *desolation*. Some few have lengthened the accented *a* to the immutable *o*, as מְבֹרַח *majesty*, שְׁלֹם *safety*. These Abstracts cannot be confounded with the adjectives of the same sound (§ 119. 1, 2.), for an adjective formed from the same root has always *e* or *i*, as רָעַב *hungry*, צָמָא *thirsty*, אָשָׁם *guilty*, צִדְקִים *righteous*, נְדָבִים *voluntary*, שְׁמָם *desolate*, מְבֹרַח *majestic*, שְׁלֹם *prosperous*. In substantives of this description *e* is sometimes found as fore-tone instead of *a*, which *e* is properly, according to § 37. 2, a trace of intransitive derivation;

as נֶכֶר *a foreign land*, probably also חֶמֶר *pūch*, שֶׁכֶר *strong drink*, עֵנֶב *cluster of grapes*, צֵלַע *rib*, לֵב *heart*.

2. The characteristic vowel *u* or *i* is often shortened in the fem. before the termination הָ, and often so as to double the third radical, particularly when it happens to be the liquid *L*. Thus with *u*, קַבֵּצָה *collection*, גְּדֻלָּה *greatness* (also גְּדֻלָּה), גְּאֻלָּה *redemption*, עֲמָלָה *work*; with *o*, חֶבְלָה *pledge*, בְּשׂוּרָה *good tidings*; with *i* or *e*, עֲלִילָה *deed*, הִרְיָסָה *subversion*, קִהְלָה *congregation*, הִרְגָה *sacrificing*, יְרִשָה *and inheritance*.

3. There is another strong and peculiar form appropriated to the Abstracts of this class, especially in derivations from earlier nouns, which consists in the use of the plural formation together with the penult *u*, as זָקִינִים *old age*, עֲלֻמִּים and נְעָרִים *youth*, בְּזֻרָה *virginity*, from זָקֵן, עָלָם, נָעַר, בָּחֻלָה; very rarely from Kal, as חֲנֻטִּים *embalming*, Gen. 50. 3.

§ 121. CLASS III.

Nouns of two syllables having two characteristic vowels, but the accent on the second, as לִבֵּשׁ putting on a garment, תוֹלַע a worm.

1. The long vowel in the first syllable in this class, which is usually Holem, is inserted in the root, and is so strong as thoroughly to govern the whole word, causing the vowel of the other syllable (usually Tseri or Kamets), though accented, to fall away before suffix and guttural accessions, as קָטַל, pl. קָטְלִים; that is, it falls away as soon as the tone deserts it and the compound syllable is broken up. It is the most usual and original form for the *participle active* of the simple root, as בּוֹחֵב *writing*, קוֹטֵל *killing*, though sometimes derived from an older noun and having itself the import of a noun, as סוֹפֵר *scribe*, probably one who busies himself with סֵפֶר *a book*, שׁוֹעֵר *keeper of the gate*, from שַׁעַר *a gate*, בֶּרֶם *vine-dresser*, from בָּרֶם *a vineyard*.

ORDER II.—NOUNS HAVING ONE OR MORE OF THE RADICALS DOUBLED.

§ 122. CLASS I.

(a) *Nouns in which the Second Radical is doubled, as צָבֵב thirst, בָּבֹח cook.*

1. The first vowel here is generally Pattah, but sometimes Hi-req, and in rare instances Kibbuts. The last may be either Kamets,

as חָלַשׁ *very weak*, Tseri, as אֵלֵם *dumb*, Holem, as גְּבוּר *mighty*, Shureq, as אֶלֶף *leader*, or Hireq, as צַדִּיק *righteous*. A large portion of these are adjectives, in which the Tseri and Holem denote *permanent qualities or conditions*, and Shureq, as usual, the *passive idea*, while the doubling of the radical conveys the general notion of *intensity*. Thus סָלַח *forgiver*, i. e. one who forgives much and readily; and hence with the sense of *habitual occupation*, as סָבַל *porter*, טָבַח *cook*, צָיַד *hunter* (from צָד *hunting*), מָלַח *mariner* (from מָלַח *salt, the sea*).

2. The form with *u* is (a) of passive origin, as אֶפְרָה *friend*, prop. *one always attached*, עֲמֹד *pillar*, prop. *something firmly fixed*; or (b) of intransitive origin, with the accessory idea of *permanency* or *abundance*, as שָׁבֹר *robbed of young*, חֲנוּן *full of grace, mercy*, קָשָׁב *always or readily attending*. The original (ו) is sometimes changed into *o* (ו), as גְּבוּר, שְׂבוּר, רְסוּר, or into *i* (ו), as אֶסִּיר, עֲלִיז, in all which the idea is strongly *intensive*.

(b) *Nouns in which the Third Radical is doubled.*

1. The first vowel is Pattah. The last may be either Kamets, as רֵעֵן *green*, or Hireq, as חֹקֵלִיל *dark red*, or Shureq, as נֶעְצָר *hedge of thorns*, or Holem, as גִּבְעֹן *ridge*.

(c) *Nouns in which the Two Last Radicals are doubled.*

1. The penult vowel is always Pattah. The last is either Pattah, as אֶדְמִיד *reddish*, or Holem, as שְׁחִירִיר *darkish*, or Kibbutz, as אֶסְסָף *a crowd collected from all sides*. The form expresses the general idea of *intensity*, except when applied to colors, in which it denotes that degree of *approximation* to a fixed color which is indicated by the termination *ish* in English, as may be seen from the above examples.

ORDER III.—NOUNS AUGMENTED BY THE INSERTION OF LETTERS NOT BELONGING TO THE ROOT.

§ 123. CLASS I.

1. *Nouns augmented by prefixing א*; as

אֶבְזֹר *cruel*, אֶבְזֹב *deceitful*, אֶרְחֹן *constant*.

This is for the most part an adjective formation, in which the prosthetic *א* denotes a permanent active quality.

2. *Nouns augmented by prefixing י; as*

יְחִמּוּר *red heifer*, יְקוֹם *substance*, יָרִיב *adversary*.

This and the preceding formation are comparatively rare in Hebrew; the three following are far more usual.

3. *Nouns augmented by prefixing מ; as*

מִגְדָּל *tower*, מִסְפָּר *number*, מַצֵּעַד *step*.

The prefixed מ in this case is related in its origin to מָה and מִי, giving the idea of a substantial *who?* or *what?* in connection with the action. This, its *personal* import, however, is very confined, and it is much oftener employed in a *neuter* sense, denoting (1) *Place*, as מִרְעָה *pasture* (*ubi pascitur*), מִאֲרָב *an ambush* (*locus insidiarum*); (2) *Instrument*, as מַצֵּתָה *a key* (*quo aperitur*), מִזְמָרָה fem. *a pruning-knife*; (3) *The result of an action*, as מִלְקוּחַ *booty*, i. e. that which is taken, מִרְמָס *that which is trodden under foot*. — As to the vowels in this formation, the prefix takes either Pattah or Hireq; the last syllable takes Kamets, as מִסְפָּר, Tseri, as מִסְבֵּר, Holem, as מִלְקוּחַ, or Shureq, as מִלְבּוּשׁ.

4. *Nouns augmented by prefixing ת; as*

תְּנַחֲמָם *consolation*, תְּפאָרָה *ornament*, תְּדָהָר *a pine*.

This prefix ת seldom occurs with a perfectly strong root, as תְּנַמּוּל *recompense* for the more ancient נַמּוּל, but rather with weak roots which are disposed to assume a firmer sound, and even here, especially in derivatives from the longer forms, as Hithpael, whose prefix תְּ is preserved in this ת, and Hiphil, whose ת also seems to preserve itself in this harder ת. The feminine formation is very prevalent on account of the abstract signification, as תְּשׁוּבָה *answer*, תְּעִידָה *testimony*, both from Hiph. תְּקִיפָה *circuit*.

5. *Nouns augmented by affixing י; as*

יְבִינָה *building*, יְגוֹן *sorrow*, יְדֻתָּהּ *Jeduthun*.

As may be seen from the above examples this affix is sometimes preceded by Kamets, sometimes by Holem, and sometimes by Shureq. The import of the termination י, or יוֹ is generally *intensive*, as יְאֲבָדָה *total destruction*, יְגָדָה *great affliction*, יְדִירָה *splendid house or palace* from יָדָה *house*, יְאֲרָמוֹן *a very high tower*, יְבִירוֹן *distinguished excellency, glory, exaltation*.

6. *Nouns augmented by affixing י* ; as

עִבְרִי *Hebrew*, יִשְׂרָאֵלִי *Israelite*, נִכְרִי *a foreigner*.

This is the termination used for deriving an adjective from any noun whatever, particularly proper names, leaving the noun itself essentially unaltered, as תַּחְתִּי *inferior* from תַּחַת *under*, צִנּוּרִי *northern* from צפון *north*, עֵתִי *timely* from עֵת. Abstracts generally appear in the fem. form יָה, or more frequently יָהּ, as פְּלִיגִיָּה *judicial trial* from פָּלֵיג *judge*, רֵאשִׁית *beginning* from ראש *head*, עֲצִיבִיָּה *activity*. The ending יָה is often changed into יָהּ, as חֲשָׁשִׁית and חֲשָׁשִׁית *sickness* from חָפֵשׁ *sick*. This gradually becomes an external abstract formation, as בְּרִיחַ *separation* from בָּרַח, or rather בְּרִיחַ *separated*, כְּבִידוּת *weightiness* from כָּבֵד *weighty*. Occasionally we meet with וָה instead of יָה, as חֲכָמוֹת, רֵאשִׁמוֹת, חֲכָמוֹת.

7. Another class might perhaps be formed of such nouns as exhibit the characteristics of more than one of the preceding classes. Thus זִכְרוֹן from the root זָכַר has its second radical doubled, and therefore belongs to the first division of the second general class. But it is also augmented by the addition of the syllable נוֹן, and consequently falls under the fifth division of the third class. It may therefore be termed a *mixed form*, and a considerable number of such forms might doubtless be enumerated; but having laid down the general principles of nominal formation, it may safely be left to the judgment of the learner to classify such forms as he may meet with that do not appear at first view to come under any of the foregoing orders.

CHAPTER X.

NOMINAL FLEXION.

§ 124. Gender.

1. The Hebrew, in common with all the Shemitic languages, has but two Genders, the Masculine and Feminine, which are distinguished both by *form* and *signification*. Words which in most of the Western languages would be of the *Neuter* gender are in Hebrew generally of the Feminine, while some are of a doubtful character, apparently fluctuating between the Masculine and Feminine. Others

again are marked by the anomaly of having the singular Masculine and the plural Feminine, and vice versa.

2. As to the distinction of gender by *form*, the Masculine has properly no distinguishing form like the Feminine, but the ground-form of any noun is naturally to be conceived of as Masculine. Accordingly Nouns are for the most part Masculine, (1) Which end in one of the original radical letters of the word, as דָּבָר *a word* from דִּבֵּר *to speak*, קֶבֶר *a sepulchre* from קָבַר *to bury*; (2) Those ending in ה preceded by Segol (הֶ), as שָׂדֶה *a field*, רֹעֶה *a shepherd*; and (3) Most of those which terminate in ר, מ, and נ, as עִבְרִי *a Hebrew*, פְּדִיּוֹם *redemption*, קֶרְבָּן *an offering*. Feminine, on the other hand, are such as end in ת, ית, ית, ית, ית, as עוֹלָה *evil*, צִמְחָה *crown*, דַּעַת *knowledge*, בְּרִית *covenant*, גְּלוּיָה *captive or exile*.

3. The Feminine is distinguished by the twofold termination of (1) Accented ת, rarely ט, as מַלְכָּה *queen*, טוֹבָה *good*, שָׁנָא *sleep*; (2) Unaccented ית, or after a Guttural ית, as masc. קָטַל *killing*, fem. קָטְלָה, masc. שְׁמִיעַת *hearing*, fem. שְׁמִיעָה. When the Masculine ends in a vowel the Feminine takes simple ת, as masc. עִבְרִי *a Hebrew man*, fem. עִבְרִית *a Hebrew woman*, masc. חַטָּא *a sinner*, fem. חַטָּאת *sin*.

4. Of the Masculine gender are all nouns signifying the names and offices of men, people, rivers, mountains, months, &c., even though they should exhibit the appropriate ending of the Feminine, as יוֹנָה *Jonah*, קוֹהֵל *preacher*, פָּרָחַה *praefect*. Of the Feminine are all those denoting the names, offices, and relations of women, countries, towns, cities, members of the body, &c., as רוּת *Ruth*, אֵם *mother*, יָד *hand*, קֶרֶן *horn*, אֲשׁוּר *country of Assyria*. Nouns which are used in both genders, of which there is a considerable number, are said to be of the *common gender*. To this class belong, for the most part, the names of beasts, birds, flocks, metals, &c.; though they occur usually in the Masculine form. Nouns of the dual number are universally of the common gender.

5. As the addition of the Fem. terminations to the Masc. forms cannot usually be made without affecting in some way the tone-syllable, hence we almost invariably find in the Fem. important vowel-changes. Of these the principal are the following:—

(a) As nouns ending in ת, as מַלְכָּה, require the tone to be placed on the last syllable, this of course causes the penult vowel of the Masculine if mutable to fall away; as m. גְּדוּל *greatness*, f. גְּדוּלָה; m. קָרִיא *reading*,

f. **פְּרִיאָה**; m. **עֲצוּמָה**, f. **עֲצוּמָה**. In some other forms, however, as **אֵרִיב**, **מוֹקֵד**, **אֵרִיב**, the *final* vowel is dropped in forming the feminine, as **אֵרִיבָה**, **מוֹקֵדָה**, **אֵרִיבָה**.

(b) In monosyllabic words of the form of **חֵם**, **כֶּן**, **חֵם**, **חֵם**, &c., in case they have a long vowel it is exchanged for a short one followed by the Dagesh forte originally due, but which had been excluded by the law mentioned § 25. 8; or if the Dagesh be necessarily excluded, for its equivalent, as **חֵםָה**, **נֶחָה**, **נֶחָה**, **חֵםָה**, **חֵםָה**.

(c) Nouns ending in **הָ** form the Feminine by exchanging Segol for Kamets; as m. **רֶפֶה**, f. **רֶפֶהָ**; m. **מֶרְאָה**, f. **מֶרְאָהָ**.

(d) The effect of the ending **הָ** upon the vowels of the Masculine will be best learned from the following examples: viz. m. **אִישׁ**, f. **אִשָּׁה**; m. **שָׁלוֹשׁ**, f. **שָׁלוֹשָׁה**; m. **בָּתָּר**, f. **בָּתָּרָה**; m. **עָטָר**, f. **עָטָרָה**.

6. The changes effected in Segolate nouns by becoming Fem. are too numerous and various to be brought under any general rule. For a specimen of the principal see § 118. 4.

7. Some Feminines appear in a contracted form, either as to their letters, or vowels, or both; as m. **אֶחָד** *one*, f. **אֶחָדָה**, contr. **אֶחָה**; m. **אֱמֶת** *truth*, f. **אֱמֶתָה**, contr. **אֱמָה**; m. **חַטָּא** *a sinner*, f. **חַטָּאָה**, contr. **חַטָּאָה**; m. **מִשְׁרֵת** *a minister*, f. **מִשְׁרֵתָה**, contr. **מִשְׁרֵתָה**. The form **שָׁמַיָּה** *elevation* is contracted from **שָׁמַיָּה**, and **חֲזוֹן** *vision*, are probably contracted from **חֲזוֹן** and **חֲזוֹן** (for **חֲזוֹן**).

§ 125. Number.

1. The Hebrew, like the Greek, has three numbers, the Singular, the Dual, and the Plural. But as in other languages, so in Hebrew, many singular nouns have the force of the plural from being used in a *collective* sense, or as denoting a mere *mass* without distinguishing the individuals, as **צֹאן** *flock*, **בָּקָר** *neat-cattle* in general, **אֵשֶׁת** *ship* in general, i. e. *fleet*.

2. The Plural of masculine nouns is formed, as far as the letters are concerned, by adding **ים** to the singular; as sing. **סוּס** *horse*, pl. **סוּסִים**; sing. **צַדִּיק** *righteous*, pl. **צַדִּיקִים**; sing. **מֶלֶךְ** *king*, pl. **מֶלְכִים**. Nouns ending in **י**, to prevent a repetition of the same letter, take simply **ם** or **ים**, as sing. **שָׂנִי**, pl. **שָׂנִים**; sing. **גּוֹי** *gentile*, pl. **גּוֹיִם**; sing. **לֵוִי** *a Levite*, pl. **לֵוִיִּם**. Occasionally also the Yod in the regular forms is written defectively, as **חֲוִיָּה** *whales* for **חֲוִיָּהִם**. But nouns ending in **הָ** lose this termination whenever they pass into

the plural, as *חֹזֶה* *a seer*, pl. *חֹזְרִים*. In some few instances the softer Aramaic termination ין occurs, particularly in the poets and the later prose writers, as *מִדְּבָרִין* *garments*, Judg. 5. 10, *מְלָכִין* *kings*, Prov. 31. 3, *אִיָּלִין* *islands*, Ezek. 26. 18. As to the anomalous termination י, occurring in certain words, as *מִנִּי* *strings*, Ps. 45. 9, *עַמִּי* *nations*, 2 Sam. 22. 44, *הַחֲצֵצִיר* *the arrows*, 1 Sam. 20. 36, *הַלְּעִשִּׁיר* 2 Sam. 23. 8, it is probably to be considered as a contracted plural ending, but in respect to י in *חַלּוֹנֵי* *windows*, Jer. 22. 14, *לּוּצְרֵי* *locusts*, *חֲרִיר* *white linen*, *שָׂדֵה* *field*, *אֱלֹמִי* *almighty*, and a few similar words, it is doubted by Ewald and others whether they can be justly regarded as genuine plurals. They think they may be otherwise resolved.

3. The Plural of the Feminine is formed for the most part by changing the terminations ה, ת, and ה of the Fem. sing. into וֹת, with corresponding vowel changes, as sing. *תּוֹרָה* *law*, pl. *תּוֹרוֹת*; sing. *כֹּתֶנֶת* *coat*, pl. *כֹּתְנוֹת*; sing. *טַבַּעַת* *a ring*, pl. *טַבַּעוֹת*; though some retain the ה, as sing. *דֶּלֶת* *a door*, pl. *דְּלָתוֹת*; sing. *קֶשֶׁת* *a bow*, pl. *קֶשֶׁתוֹת*; or by simply adding וֹת to the singular, as sing. *אוֹת* *sign*, pl. *אוֹתוֹת*; sing. *חֶרֶב* *sword*, pl. *חֶרְבוֹת*; or by changing ה into וֹת and ה into וֹת; as sing. *עִבְרִית* *Hebrew woman*, pl. *עִבְרִיּוֹת*; sing. *מַלְכוּת* *kingdom*, pl. *מַלְכוּתוֹת*; where, however, the genuine singular forms, though now obsolete, are undoubtedly יָה and יָה. In *תְּנִיחָה* *spear*, and *זִנְיָה* *adultery*, the plural is *תְּנִיחוֹת* or *תְּנִיחוֹת* and *זִנְיָוֹת*.

4. Anomalous formations and usages, both in regard to Number and Gender, are of very frequent occurrence in Hebrew. Thus the plur. masc. termination ים is affixed to nouns whose singular is obviously fem. though masc. in form, as pl. *רְחֵלִים* *sheep*, from sing. *רְחֵל*; so pl. *נָשִׁים* *women*, from obsol. sing. *נָשָׁה*. Others, however, of like masc. form in the sing., as *אִם* *mother* and *אֶהוּ* *she-ass*, take their appropriate pl. ending וֹת, as *אִמּוֹת* and *אֶהוֹת*. On the other hand, the fem. termination וֹת is appended to sing. nouns of the masc. gender, as *אֲבוֹת* *fathers*, from sing. *אָב* (obsol. *אָבָה*), *חֲבֵאוֹת* *hosts*, from sing. *חֶבֶא*, as also *מִזְבְּחוֹת* *altars*, *מְקוֹמוֹת* *places*, *מִשְׁכְּנוֹת* *habitations*, *שָׂדֵה* *fields*, from the singulars *מִזְבֵּחַ*, *מְקוֹם*, *מִשְׁכָּן*, *שָׂדֶה*.

5. The following are more or less irregular in the formation of the plural: viz.

Sing.	Plur.	Sing.	Plur.
<i>אָח</i> <i>brother</i>	<i>אֲחֵרִים</i>	<i>בֵּית</i> <i>house</i>	<i>בָּתִּים</i>
<i>אָחוּת</i> <i>sister</i>	<i>אֲחוֹת</i>	<i>בֶּן</i> <i>son</i>	<i>בָּנִים</i>
<i>בַּת</i> <i>daughter</i>	<i>בָּנוֹת</i>	<i>שׁוּק</i> <i>open place</i>	<i>שׁוּקִים</i>

Sing.	Plur.	Sing.	Plur.
אִישׁ <i>man</i>	{ אֲנָשִׁים אִנְשִׁים	יוֹם <i>day</i>	יָמִים
אִשָּׁה <i>wife</i>	{ אִשּׁוֹת נָשִׁים	עִיר <i>city</i>	עָרִים
		רֹאשׁ <i>head</i>	רָאשִׁים

5. From what has been said above it appears, that of the two methods of distinguishing the genders, viz. by *form* and *signification*, neither is an absolutely sure criterion. The second, that of the *sense*, is probably the most primitive and legitimate, but even this is rendered uncertain by reason of the imaginative character of the early periods of antiquity, or of the oriental nations generally, which has given rise to a vast number of *ideal* feminines, in contradistinction to *physical* ones. Viewing nature with the most vivid perception, they seem to have conceived of all objects, not only those whose gender was externally visible, but all others which bore a resemblance to them, as clothed with the same attributes. Whatever was possessed of a higher, more original, and independent life and energy, was ranged under the *masculine*, while that which was comparatively inferior, weak, and dependent, was on the same principle referred to the feminine. On this principle we may suppose it is, that the Hebrew words for *earth* or *land*, and *city*, viz. אֶרֶץ and עִיר, being conceived as the sustaining mother of the inhabitants, are uniformly feminine. Hence all names of *particular* countries and towns are of the same gender, nay even the names of *nations* and *tribes* may be construed as Feminine, inasmuch as *land* and *people* are very near and cognate ideas; accordingly even עַם *people* is sometimes fem., as Ex. 5. 16, but cf. 12. 33, Jer. 8. 5. Many names of *places*, following the same analogy, assume the fem., as שְׁאוֹל *hell* (*orcus*), Is. 5. 14; נָיָא *valley*, Zech. 14. 4, 5; כְּבֶרֶךְ *district round about*, Gen. 13. 10; מְבִצֵּר *fortress*, Hab. 1. 10; שַׁעַר *gate*, Is. 14. 31; תְּהוֹם *great deep*, Gen. 7. 11, but cf. Jon. 2. 6.

6. The idea of the feminine, as the weaker and more dependent, is also extended, with great latitude, to every thing which is *subservient* to man, which he employs as *possessor*, perhaps from the fact that woman, the grand personification of the feminine, was, in the age and the countries in which the primitive language was spoken, little more than a mere *possession*, a vassal, a slave, ministering to the wants and convenience of man. Hence the fem. is transferred, (1) To very many names of the *members of the body* of men

or beasts, especially those which man most frequently uses as instruments, as יָד and כַּף *hand* (masc. Ex. 17. 12), often followed by יְמִין *right hand*; so רֶגֶל *foot* (masc. Jer. 13. 16), followed by פֶּסֶם *step, turn* (masc. Judg. 16. 28), and אִשְׁמֹר *step*; אֶצְבַּע *finger*, בִּיחַ *thumb*, זְרוֹעַ *arm*, עֵין *eye*, אוֹן *ear*, לָשׁוֹן *tongue*, שֵׁן *tooth* (variable), נֶחֱל *beard* (variable), בֶּטֶן *belly* and רֶחֶם *womb*, בִּרְךָ *knee*, צִלְע *rib*, כַּנֶּף *wing*. (2) To names of *garments, utensils, instruments, &c.*, as נֶעֱל *shoe*, once בִּגְד *garment*, Lev. 6. 20; חֶרֶב *sword*, תַּעַר *razor*, עֲשָׂה *work of art*, צִוּהָ *window*, כּוֹס *cup*, אֵח *fire-pan*, הָתָד *peg*. The following fluctuate: כִּיר *pot*, פַּד *pail*, אֲרוֹן *coffer*, מַסָּח, מַסָּח and שֹׁבֵט *staff*. Thus too לֶחֶם *bread* is sometimes fem., Lev. 23. 17, which is followed by פַּת *piece of bread*, and once by מֵאֲכָל *food*, Hab. 1. 16. (3) To inanimate objects in space in which a man moves or which he uses, as חֲצֵר *court-yard*, מַחֲנֶה *camp*, קִיר *wall*, גֵּד *id.* (variable), עֲרֵשׁ *bed*, אֲנִי *ship* (variable), בְּאֵר *well*, תֵּרֶן *threshing-floor*, דֶּרֶךְ and אֵרֶץ *way*, רֹחֹב *street*, very seldom בֵּית *house*, אֹהֶל *tent*, מְקוֹם *place*, גַּן *garden*, כְּרָם *vineyard*, but אֶבֶן *stone* usually, and names of stones and plants in general, as גֶּפֶן *vine* (though variable). In the same way nouns of *time*, following עֵת *time* (variable), as עָרֶב *evening*, שַׁבָּת *sabbath*, יוֹבֵל *year of jubilee*. — Because נָהָר *river* and הָר *mountain*, on the other hand, are conceived as masc., therefore the whole class of rivers and mountains, even with the ending of the fem., follows this analogy.

7. The foregoing are examples of the *ideal* feminines not distinguished by the appropriate feminine endings; but the external feminine formation is more especially required, (a) When the *same noun* is applied to different genders, as especially in adjectives which do not in themselves contain the notion of a gender, but are governed in that respect by the gender of the subject at the time, as אֶלְמָן *a widow*, אֶלְמָנָה *a widow*, עִיר גְּדֹלָה *a great city*. So also in distinguishing the physical gender in many substantives, as אִישׁ *man*, אִשָּׁה *woman*, עֲבֹל *bullock*, עֲבֻלָּה *heifer*. (b) When the substantive in its most primitive form, i. e. without feminine ending, signifies the mere *mass*; in that case a feminine may be so formed from it, that as denoting in general what is weaker and derived, it shall express a *single one* of the mass, as אֲנִי *ship* in general as mass, i. e. a *fleet*, אֲנִיָּה *a single ship*. (c) When *abstracts* are to be expressed, as יְשׁוּעָה *salvation*, צְדָקָה *righteousness*, מְלִכּוּת and מְלִכָּה *kingly power, royal dignity*.

8. Numerous instances, however, occur, in which the distinction of gender is by no means fixed and definite either by the sense or form, and which for this reason are usually said in most grammars to be of the *common gender*, from their being found sometimes in the one and sometimes in the other. This is particularly the case with the names of classes of animals, as בָּקָר *neat cattle* (Lat. *bos*), נִמְלִיִּם *camels* generally masc., but fem. in מִרְיָקוֹת נִמְלִיִּם *milch camels*; so צֹאֵן *small cattle*; in like manner also some few other words, as פְּלִגֶּשׁ *a concubine*, applied occasionally to a male, נֶעָר *a little boy* and a *little girl* in the Pentateuch, but in the other books נַעֲרָה is appropriated to the latter.

9. As to signification, the Plural is used with a latitude unknown to most other languages. Indeed in many cases where it is employed they would use the singular.

(a) A peculiar use of the plural is *to comprehend isolated particulars under a more general idea*, yet so that the *general* or *collective* idea predominates over that of the several particulars. In this sense the plural approaches very near to the idea of the *abstract*, which is usually expressed by the feminine, as חֹשֶׁכִּים *darkness, tenebræ*; besides which we have fem. חֲשֵׁכָה id., קֶדֶשׁ and הִדְרֵי קֶדֶשׁ *sacred ornaments*; thus too חַיִּים *life*, נְעֻמִּים *loveliness*, אֲהָבִים and דֹּהִים *love*, מְעֻדִּים *delight, delicia*, מוֹתִים *death*, עֲלֻמִּים *youth*, עֲשָׁקִים *oppression*, פְּדוּיִם *ransom*, תַּעֲתָעִים *deceit*.

(b) Many names for regions not desert prefer the plural, inasmuch as such a region may be conceived as in fact consisting of a number of single things there assembled, as אַחֲרִים *the hinder part*, קִדְמִים *the anterior part*, שָׁמַיִם *heaven*, properly *superiora*, תַּת־הַיָּדִים *lower parts, inferiora*. In like manner greater things cohering together but which are infinitely divisible, as מַיִם *water*, always in the plural; חוֹמֹת *wall*, often in the plural like *mænia*; so also articles of commerce which are sent in small pieces, as אֲחָלִים *aloes*, נְבִאִים *spices*, θυμιαματα, &c.

(c) One of the most remarkable usages in regard to the plural is its employment to denote the idea of *extent, greatness, dignity, dominion, majesty*, often technically termed *pluralis excellentiæ*. Among the most prominent examples of this nature are the remarkable words אֱלֹהִים *God*, אֲדֹנָי *Lord*, and several others, of which a more detailed account is given in the Syntax.

§ 126. *Dual*.

1. *The Dual.* The Dual is formed by adding יוֹם to the singular, whether of the masculine or the feminine, as יוֹם *day*, du. יוֹמִים (pl. יָמִים), אֶלֶף *thousand*, du. אֶלְפִים, נְחֹשֶׁת *brass*, du. נְחֹשְׁתַּיִם. Nouns ending in הּ require the ה to be changed into ת before the dual termination is affixed, as שָׁנָה *year*, du. שְׁנַתַּיִם, מֵאָה *hundred*, du. מֵאֹתַיִם. The following with a few others form their dual by adding יוֹם to the plural instead of the singular, as הוֹמָה *a wall*, pl. הוֹמוֹת, du. רְבוּתַיִם, רְבוּאָה *myriad*, pl. רְבוּאוֹת, du. רְבוּתַיִם.

2. The use of the Dual is confined to the most primitive and necessary cases of its idea. It properly represents a whole divided into two halves, and expresses the idea of a thing which is double or in pairs. Two things or persons which come together casually can never be combined by the Dual, which is by no means a mere variation of the number *two*, for even the numeral must be added where the number two is to be rendered very emphatic, as שְׁתֵּי כְרָעִים *two* (and not more) *legs*; and *two kings*, instead of being expressed in Hebrew by the Dual מֶלְכִים, would require the phraseology שְׁנֵי מֶלְכִים *two* (of) *kings*. It is therefore only found in certain substantives, and has so little influence on the construction that adjective, verb, and pronoun can only be connected with it in the plural, as עֵינֵיהֶם רְמוֹת *lofty eyes*. It is thus found in the numerals שְׁנֵים *two*, מֵאֹתַיִם *two hundred*, אֶלְפִים *two thousand*; but especially of objects which are usually conceived together as a whole consisting of two parts, most frequently perhaps of double corporeal members, as יָדַיִם *the hands*, אֶפְרַיִם *the nostrils*, יָרְכַיִם *the loins*, מִתְנַיִם *the hips*, שִׁנָּיִם *the teeth* (the two rows), כְּנָפַיִם *wings*; moreover of utensils, as מֵאֻזְנַיִם *balances*, יָדְמִיל *a hand-mill* (consisting of two pieces). In nouns which express an object by nature double, the use of the dual is so trite and established that it even occurs where the plural is properly required, as אַרְבַּע רַגְלַיִם *four feet*, not *four pairs of feet*; שִׁבְעָה עֵינֵיִם *seven eyes*; שֵׁשׁ כְּנָפַיִם *six wings*.

3. The word יְרוּשָׁלַיִם *Jerusalem* is sometimes written without the last Yod, though its point still remains, as יְרוּשָׁלֵם. Why this word is used in the dual is matter of mere conjecture. As to the noun שָׁמַיִם *heavens*, it is according to Schröder not a dual, but a plural (שָׁמַיִם), from the obsolete singular שָׁמַי, having the tone on the penult in order to compensate for the elided Yod. The case is

precisely the same, he thinks, with מַיִם *waters*, a word evidently of the same formation.

4. The vowel changes resulting from the formation of the dual are substantially the same as those in the plural, as בָּנָהּ, pl. בְּנֵיהֶם, du. בְּנֵיהֶם. To this the Segolates (§ 118. 1.) are an exception, since they do not in the dual, as in the plural, assume Sheva and Kamets, but adopt the ancient monosyllabic form as the ground of accession, as רֶגֶל *foot*, (orig. form רֶגֶל), רֶגְלָם; קֶרֶן *horn* (קֶרֶן), קֶרְנֵם; אָזן *ear* (אָזן), אָזְנֵם. The dual termination ים is sometimes contracted into ים, as שְׁנֵי *two*, for שְׁנֵי; שְׁתֵּי *two*, for שְׁתֵּי.

§ 127. Construct State.

1. A Noun standing alone, or considered by itself as independent of other words, is said, by Hebrew grammarians, to be in the *Absolute State*; but when such a noun is followed by another serving to *define, restrict, or appropriate* its meaning, it is said to be in the *Construct State*. Thus the words מֶלֶךְ *king*, בַּיִת *house*, חֹרֶה *law*, when standing alone are in the *absolute state*; they belong, so to speak, to nothing. But when put into such connexions with other words as to express the *relation of possession*, i. e. the relation of the Genitive in Latin and Greek, as *king of Israel, house of God, law of the Lord*, they are taken out of their *absolute state*, and put in a *restricted or specified state* (*in statu regiminis*). The consequence is a change in the first or *restricted word* (if mutable), and not in the second; which constitutes a marked distinction in this respect between the Hebrew and several of the later European languages.

2. As the words in the *construct relation* connect themselves so closely that the idea is incomplete till the second be uttered, the natural effect of this is to *hurry*, and therefore to *shorten*, the pronunciation of the first, that the voice may pass on and find its perfect rest in the second. But we have already seen (§ 27. 6, 7.) that from the principles of vocal intonation, when this is the case, a rejection of vowels wherever practicable is the necessary result. It is in fact the same as if the whole combination formed one long

* It is to be remarked, however, that the peculiarity in question is not confined to two nouns only. Instances sometimes occur of a doubly or even trebly Construct state; as הַיָּמִים הַלְלוּ בְּיָמֵי נֹחַ *generations of the sons of Noah*; יְמֵי חַיֵּי אַבְרָהָם *the days of the years of the life of Abraham*.

word, i. e. the tone is carried forward to the last word or syllable, and the preceding vowels shortened or rejected according to the usual laws of the vowel-changes, § 27. 9.

3. Although the changes resulting from this cause are more especially to be seen in the vocalization, yet they are not confined to this, for the consonant endings are also frequently more or less affected by the word's going into construction, as will be evident from the rules which regulate the formation of the construct state now to be given. These are the following:—

(a) Nouns having long mutable vowels in their ultimate and penultimate syllables change that in the ultimate to its corresponding short, while that in the penult falls away, as לֵבָב דָּוִד *heart of David*, from לֵבָב. So with monosyllables, יַד יְהוָה *hand of Jehovah*, from יָד.

(b) Feminine nouns ending in הָ, change this termination into הַ; as תּוֹרָה *a law*, מִשְׁחָה *law of Moses*; שִׁירָה *a song*, דּוֹרִי *a song of my beloved*.

(c) Masculines ending in הָ, retain the הָ, but change the Segol into Tseri, as מִקְנֵה *cattle*, אֲבְרָהָם *cattle of Abraham*; מַחֲנֶה *a camp*, מַחֲנֵה יִשְׂרָאֵל *camp of Israel*. But מִוֶּה *mouth* always has פִּי in the construct state.

(d) The plural ending יִם and the dual ending יָם are changed in the construct state into יִי, while the preceding vowel or vowels, if mutable, fall away, as סוּסִים *horses*, סוּסֵי שְׁלֹמֹה *horses of Solomon*; דְּבָרִים *words*, דְּבָרֵי אֱמֶת *words of truth*; יָדַי *hands*, יָדַי חֲזֵק *hands of strength*.

(e) Plurals in וֹת suffer no terminational changes in the construct state, as אֲבוֹת *fathers*, אֲבוֹת יִשְׂרָאֵל *fathers of Israel*; בְּרָכוֹת *blessings*, בְּרָכוֹת שָׁמַיִם *blessings of heaven*. It will be observed, however, that the preceding vowels are changed according to analogy, or fall away.

(f) Segolate nouns (§ 118. 1.) in the singular, with the exception of those having ו or י for their middle radical, are subject to no variation by being put in regimen, as מֶלֶךְ *king*, מֶלֶךְ סֹדֶם *king of Sodom*, but בֵּית *house*, בֵּית תְּפִלָּה *house of prayer*; תְּרוֹם *midst*, תְּרוֹם הַגֶּן *midst of the garden*, where תְּ is contracted into ו. So אֲבִית *death*, const. מוֹת.—To this rule there are a few exceptions; as the abs. forms זֶרַע *seed*, נֹטֶעַ *plant*, קַחַת *acceptance*, and הֶבֶל *vanity*, drop the first vowel in the const. state, as זֶרַע, נֹטֶעַ, קַחַת, הֶבֶל.

Tabular View of Nouns in the Construct State.

§ 128. CLASS I.—*Segolates*.

MASCULINE.			
Singular.		Plural.	
Absol.	Const.	Absol.	Const.
מֶלֶךְ	מֶלֶךְ	מְלָכִים	מְלָכִי
סֶפֶר	סֶפֶר	סְפָרִים	סְפָרִי
חֶלֶד	חֶלֶד	חֲלָדִים	חֲלָדִי
קֶדֶשׁ	קֶדֶשׁ	קְדָשִׁים	קְדָשִׁי
סֹס	סֹס	סוּסִים	סוּסֵי
FEMININE.			
מֶלֶכָּה	מֶלֶכָּה	מְלָכוֹת	מְלָכוֹת
יֶלְדָּה	יֶלְדָּה	יִלְדוֹת	יִלְדוֹת
סִתְרָה	סִתְרָה	סִתְרוֹת	סִתְרוֹת
צִרְחָה	צִרְחָה	צִרְנוֹת	צִרְנוֹת

Contracted Segolates.

Sing.		Plur.	
Absol.	Const.	Absol.	Const.
מֶנֶח	מוֹחַ	מוֹחִים	_____
תֶּנֶף	תוֹף	תוֹכִים	_____
בֵּית	בֵּית	בֵּתִים	בֵּתֵי
חֵיל	חֵיל	חֵילִים	_____
עֵיר	עֵיר	{ עִירִים עָרִים }	_____
שׂוֹר	שׂוֹר		_____

§ 129. CLASS II.

MASCULINE.			
Sing.		Plur.	
Absol.	Const.	Absol.	Const.
דָּבָר	דְּבָרִי	דְּבָרִים	דְּבָרִי
זָמַן	זְמַן	זְמַנִּים	זְמַנִּי
לָבָב	לְבָבִי	לְבָבִים	לְבָבִי
צָמָא	צְמָאִי	צְמָאִים	צְמָאִי
נָדוּל	נְדָלִי & נָדוּל	נְדָלִים	_____
קָסוּדִל	קְסוּדִל	קְסוּדִלִּים	קְסוּדִלִּי

Absol.	Const.	Absol.	Const.
פָּקִיד	פָּקִיד	פָּקִידִים	פָּקִידִי
נָלוּד	נָלוּד	נָלוּדִים	נָלוּדִי
עָמֶל	עָמֶל	עָמָלִים	עָמָלִי
שָׁעַר	שָׁעַר	שָׁעָרִים	שָׁעָרִי
שָׁמַח	שָׁמַח	שָׁמְחִים & שְׂמֵחִי	שָׁמְחִי
רָפָח	רָפָח	רָפִים	רָפִי
נָסַר	נָסַר	נָסָרִים	נָסָרִי
FEMININE.			
יִשְׂרָח	יִשְׂרָח	יִשְׂרֹת	יִשְׂרֹת
זָקַח	זָקַח	זָקֻחַת	זָקֻחַת
בָּרַח	בָּרַח	בָּרֻחַת	—
נָדָלַח	נָדָלַח	נָדָלֻחַת	נָדָלֻחַת
אָדָמַח	אָדָמַח	אָדָמֻחַת	אָדָמֻחַת
בָּחָמַח	בָּחָמַח	בָּחָמֻחַת	בָּחָמֻחַת
אָגֻדָּח	אָגֻדָּח	אָגֻדֻחַת	אָגֻדֻחַת
שָׁעָרַח	שָׁעָרַח	שָׁעָרֻחַת	שָׁעָרֻחַת
רָפָחַח	רָפָחַח	רָפָחֻחַת	רָפָחֻחַת

§ 131. CLASS III.

MASCULINE.			
Absol.	Sing. Const.	Absol.	Plur. Const.
פּוֹתֵב	—	פּוֹתֵבִים	פּוֹתֵבִי
זָעַם	זָעַם	זָעָמִים	זָעָמִי
עוֹלָם	עוֹלָם	עוֹלָמִים	עוֹלָמִי
נִכְתָּב	נִכְתָּב	נִכְתָּבִים	נִכְתָּבִי
דִּינִי	דִּינִי	דִּינִים	דִּינִי
נִזְלָח	נִזְלָח	נִזְלָמִים	נִזְלָמִי
אֶלְמִי	אֶלְמִי	אֶלְמִנִים	אֶלְמִנִי
זָכָרוֹן	זָכָרוֹן	זָכָרִים	זָכָרִי
FEMININE.			
תּוֹעֵבַח	תּוֹעֵבַח	תּוֹעֵבוֹת	תּוֹעֵבוֹת
פּוֹתֵבַח	פּוֹתֵבַח	פּוֹתֵבוֹת	—
חִיקָלַח	חִיקָלַח	חִיקָלוֹת	חִיקָלוֹת
מִצְבָּח	מִצְבָּח	מִצְבּוֹת	—
נִכְתָּבַח	נִכְתָּבַח	נִכְתָּבוֹת	נִכְתָּבוֹת

§ 132. CLASS IV.

Sing.		Plur.	
Absol.	Const.	Absol.	Const.
אִתָּן	אִתָּן	אִתָּנִים	אִתָּנִי
רִצְחָר	רִצְחָר	רִצְחָרִים	רִצְחָרִי
מִצְעָד	מִצְעָד	מִצְעָדִים	מִצְעָדִי
מַעֲשֶׂה	מַעֲשֶׂה	מַעֲשִׂים	מַעֲשִׂי
מַעֲשֵׂר	מַעֲשֵׂר	מַעֲשָׁרוֹת	מַעֲשָׁרוֹתִי
מִזְבֵּחַ	מִזְבֵּחַ	מִזְבְּחוֹת	מִזְבְּחוֹתִי
מוֹשֵׁב	מוֹשֵׁב	מוֹשְׁבוֹת	מוֹשְׁבֵי & מוֹשְׁבוֹתִי
מִשְׁפָּחָה	מִשְׁפָּחָה	מִשְׁפָּחוֹת	מִשְׁפָּחוֹתִי
מִזְרָק	מִזְרָק	מִזְרְקוֹת	מִזְרְקֵי & מִזְרְקוֹתִי
מִרְכָּבָה	מִרְכָּבָה	מִרְכְּבוֹת	—
מִרְכָּבָה	מִרְכָּבָה	מִרְכְּבוֹת	מִרְכְּבוֹתִי
תְּבוּאָה	תְּבוּאָה	תְּבוּאוֹת	תְּבוּאוֹתִי
תּוֹעֵבָה	תּוֹעֵבָה	תּוֹעֲבוֹת	תּוֹעֲבוֹתִי
בְּנִיר	בְּנִיר	בְּנִירִים	בְּנִירִי

REMARKS.

1. CLASS I. *Segolates*. As nouns of this class are already in their simplest and most primitive form, they seldom admit any further shortening on account of construction. A few cases of exceptions are given above, § 127. 3. *f.* to which may be added סָחָר, חָדָר, instead of סָחָר, חָדָר. Monosyllabic nouns derived from ע' verbs admit further shortening only before Maqqeph, as כֶּן from כָּן *nest*, חָק from חָק *statute*. From יָד *sufficiency*, we find const. יָדִי like בֵּית. From שֶׁה *lamb*, const. שֶׁה, according to § 127. 3. *c.* but פֶּה *mouth*, always makes const. פִּי. The abbreviated רֵץ *friend* always returns in construction to its vowel-ending רֵצָה or רֵצֵה. From שֵׁם *name* comes const. שֵׁם or שֵׁם־; from בֶּן *son*, const. בֶּן or occasionally בֶּן־. From absol. בֹּדֵק *helmet*, const. בֹּדֵק, with bare change of tone.

2. CLASS II. In all simple nouns of this formation the fore-tone regularly disappears, while the final *a* is shortened, as רִשֶׁר, רִשֶׁר; שָׁבוֹעַ, שָׁבוֹעַ; דִּבֶּר, דִּבֶּר. It sometimes happens, however, that the

short *ā* which is left in such cases, having now the tone upon it, is transferred to the first radical, and gives it a virtual Segolate form, as עָשָׁן *smoke*, const. עֲשָׁן, whence עָשָׁן. The forms קָסַל often retain their characteristic *e* while the last syllable becomes toneless, as נָכַר *stranger*, צֶלַע *side*; though they may also lose *e* as fore-tone, as לֵב *heart*, שֵׁעַר *hair*. In forms קָסַל the final *e* is primitively shortened to *ē*, but this can only remain so before Maqqeph, as אֶל־ from אֶלֶּל. It is most generally changed into *ā*, as יָדָן, שָׂדָן, קִצֵּר, עָרַל, פָּדַד. Much seldomer does *e* maintain itself as long, as חֶלֶב, עֶקֶב, except in verbs אָלַץ, where it is the common form, as אָרַץ. Final *o* seldom falls away, yet with Maqqeph גָּדַל, and גָּבַהּ with Gutt. from גָּבוֹהַ. The short words expressive of relationship (father, brother, &c.) have preserved *i* in const., as אָבִי, אָחִי, יָחִיד. On the other hand, const. יָד from יֵד, and דָּם from יָם show no such relic.

§ 133. NOMINAL SUFFIXES; WITH THE CONSEQUENT LITERAL AND VOWEL CHANGES.

1. Whenever a noun has its idea *restricted*, not by another noun, but by a personal pronoun, the two words are brought into the closest connexion and made to coalesce in one; the pronoun in its *fragmentary* or *inseparable* form being attached to the noun to express the relation of the Genitive, just as the same kind of pronouns is attached to verbs to express the relation of the Accusative; as דְּבָרִי *my word*, דְּבָרֵינוּ *our word*; analogous to which we sometimes find in Greek πατέρ μου *my father*, for ancient πατήρ μου = πατήρ μου, *father of me*. Consequently the general principles which control the attachment of suffixes to nouns are not essentially different from those which hold in regard to the same connexion in verbs. The nominal suffixes, which are mostly appended to the const. form, are indeed much more extensively and uniformly *shortened* than the verbal, and they are also more firmly and closely attached, (§ 105. 1); but in other respects the same laws are applicable to both.

2. The principal rules which govern these suffixed formations are the following:—

Suffixed Masculine.

(a) In monosyllables a mutable vowel falls away, as שֵׁם *name*, שְׁמִי *my name*, שְׁמוֹ *his name*; בֶּן *son*, בְּנִי *my son*, בְּתָהּ *her son*. Yet

the long vowel sometimes remains in cases where in the Construct it becomes short, as דָּם blood, const. דָּם הָאֲנָשִׁים *blood of the men*, with suf. דָּמוֹ *his blood*, דָּמְךָ *thy blood*.

(b) In polysyllables the long mutable penult vowel falls away, but the ultimate remains unless followed by a suffix beginning with a consonant and forming a mixed syllable, when it is shortened, as דְּבַר *word*, דְּבַרִּי *my word*, דְּבַרְנוּ *our word*; דְּבַרְכֶּם *your word*. In some cases a long vowel before ה is changed into a kindred short, as אֹיֵב *enemy*, אֹיֵבְךָ *thy enemy*; יוֹצֵר *former*, יוֹצֵרְךָ *thy former*; בְּרָא *creator*, בְּרָאֲךָ *thy creator*; גָּאֵל *redeemer*, גָּאֲלְךָ *thy redeemer*.

(c) Segolates assume their primitive monosyllabic form, as סֵפֶר (orig. סִפְרָא) *book*, סִפְרְךָ *thy book*; רֶגֶל (רגֵל) *foot*, רֶגְלִי *my foot*; אָזֶן (אֶזְרָא) *ear*, אָזְנִי *my ear*, אָזְנוֹ *his ear*, אָזְנֶם *their ear*; אֹהֶל (אֶהֱלָא) *tent*, אֹהֶלְךָ *thy (f.) tent*; אֹהֶלּוֹ and אֹהֶלְהוּ *his tent*.

(d) Forms בֵּית and תֵּיב contract the two syllables into one, making י quiesce in Tseri, and ו in Holem, as in the Construct state, as בֵּיתוֹ *his house*, תֵּיבְךָ *thy house*, בֵּיתְכֶם *your house*; תֵּיבִי *my midst*, תֵּיבֵנוּ *our midst*, תֵּיבֶם *your midst*, תֵּיבָם *their midst*; מָוֶת *death*, מָוֶתוֹ *his death*.

(e) Three nouns. אָב *father*, אָח *brother*, and חָם *father-in-law*, assume a final Yod before suffixes, which in the first pers. sing. coincides with the suffix itself, as אָבִי *my father*, אָחִי *my brother*. Elsewhere it is merely epenthetic, as אָבִינוּ *our father*, אָחִיךָ *thy father*, חָמִיךָ *thy (f.) father-in-law*, חָמִיהָ *her father-in-law*; אָחִיו *and אחִיהוּ his brother*, אָחִיכֶם *your brother*, אָחִיהֶם *their brother*; אָבִיכֶם *your (f.) father*, אָבִיהֶם *their (f.) father*.

(f) Nouns ending in ה reject the ה before suffixes, and always assume הוּ as the suffix of the third pers. masc., which is followed by several other nouns of different origin. Thus מַעֲשֵׂה *work*, מַעֲשֵׂיךָ *thy work*, מַעֲשֵׂנוּ *our work*, מַעֲשֵׂהוּ *his work*. The word פֶּה *mouth*, as elsewhere remarked, changes ה into ו, which coincides with the suffix of the first pers. sing., as פִּי (פִּיהִי) *my mouth*, פִּיךָ *thy mouth*, פִּיהוּ and פִּיו *his mouth*, פִּיהָ *her mouth*, פִּינוּ *our mouth*, פִּיכֶם *your mouth*, פִּיהֶם and פִּימוֹ *their mouth*. Among other nouns which assume the suffix הוּ are אֹר *light*, אֹרְהוּ *his light*, מִין *kind*, מִינְהוּ *his kind*; מֹט *a yoke*, מֹטְהוּ *his yoke*, &c. In some again whose last radical ה passes into ו, this ו before suffixes becomes moveable, as פֶּרִי (פֶּרְהוּ) *fruit*, פֶּרִיִּי *my fruit*, פֶּרִיךָ and פֶּרִיָּךָ *thy fruit*, פֶּרִיו.

his fruit, פִּרְיָהֶם *your fruit*, פִּרְיָהֶם and פִּרְיָמֹ *their fruit*, פִּרְיָהֶן *their (f.) fruit*.

(g) If the last letter of a word be virtually doubled, the Dagesh of duplication is usually expressed before the suffix, and if the vowel be long it is changed into its homogeneous short; though the latter peculiarity occurs much oftener in monosyllables than elsewhere, as חָק (from חָקַק) *statute*, חָקִי *my statute*, חָקְךָ *thy statute*, חָקָם *their statute*, חָקוֹ *his statute*; כָּל (from כָּלַל) *totality*, כָּלֹ *his totality*, כָּלָם *their totality*, i. e. the whole of them, or they all; רַק (from רָקַק) *spittle*, רַקִּי *my spittle*.

(h) *Feminine Singular with Suffixes*.—The Feminine termination הָ before suffixes is changed into תָּ, and before the grave suffixes כָּם and כֶּן into ת־, as חֲרָפָה *disgrace*, חֲרָפָתִי *my disgrace*; נִקְמָה *revenge*, נִקְמָתִי *my revenge*, נִקְמָתֵנוּ *our revenge*; נְשָׁמָה *breath*, נְשָׁמָתִי *my breath*, נְשָׁמָתְךָ *your breath*, נְשָׁמָתְךָ *your (f.) breath*. A slightly different analogy of formation is observed in מוֹדַעְתָּנוּ *our kindred*, Ruth 3. 2, for מוֹדַעְתָּנוּ.

(i) *Masculine Plural and Dual with Suffixes*.—In these numbers, as in the Construct, the characteristic terminating ם is dropped, and the ך which remains quiesces in Tseri before the plural suffixes, but in Segol before ך and ך, as מֶלֶךְ *king*, מַלְכֵיךָ *kings*, מַלְכֵינוּ *our kings*, מַלְכֶיךָ *thy kings*, מַלְכֶיהָ *her kings*. Before suffix י the final ך coalesces and goes into the diphthongal י־, as אֹיֵב *enemy*, אֹיֵבֶיךָ *enemies*, אֹיֵבִי *my enemies*. Before ך it is pronounced with short Hi-req, and before suffix ך of the third person it either quiesces in Kamets or is rejected, as אֹיֵבֶיךָ *thine (f.) enemies*, אֹיֵבֶיךָ or אֹיֵבֶיךָ *his enemies*. Thus also רֶגֶל *foot*, רֶגְלֶיךָ *two feet*, רֶגְלִי *my feet*, רֶגְלֶיךָ *thy feet*, רֶגְלֶיךָ *thy (f.) feet*, רֶגְלֶיךָ and רֶגְלֶיךָ *his feet*, רֶגְלֶיךָ *her feet*, רֶגְלֵינוּ *our feet*, רֶגְלֵיךָ *your feet*, רֶגְלֵיהֶם *their feet*.

(k) *Feminine Plural with Suffixes*.—Plurals with the Feminine termination ך assume י before the suffixes, as if from the primitive Masc. termination ך with final ם elided. The vowel changes follow the analogy of § 27. 7-9. Thus חוֹרָה *law*, חוֹרוֹת *laws*, חוֹרוֹתֵי *my laws*, חוֹרוֹתֶיךָ *his laws*; עֲצָה *counsel*, עֲצוֹת *counsels*, עֲצוֹתְךָ *thy (f.) counsels*; מַחְשָׁבָה *thought*, pl. מַחְשָׁבוֹת *my thoughts*, מַחְשָׁבוֹתְךָ *thy thoughts*, מַחְשָׁבוֹתֵינוּ *our thoughts*. Instead of ך and ך we often meet with ך and ך, which are otherwise suffixes to the singular, as אוֹתוֹתָם *their signs*, דוֹרֹתָם *their generations*, חוֹרוֹתָם *their laws*, צְדִיקוֹתָם *their righteousnesses*.

§ 133. PARADIGM OF THE NOMINAL SUFFIXES.

דָּבָר *a word, Masc.*

Sing.			Plur.		
1 c.	י	דְּבָרִי <i>my word</i>	1 c.	י	דְּבָרַי <i>my words</i>
2 m.	ךָ	דְּבָרְךָ <i>thy</i> —	2 m.	יָךְ	דְּבָרֶיךָ <i>thy</i> —
2 f.	ךָ	דְּבָרְךָ <i>thy</i> —	2 f.	יָךְ	דְּבָרֶיךָ <i>thy</i> —
3 m.	ו	דְּבָרוֹ <i>his</i> —	3 m.	יו	דְּבָרָיו <i>his</i> —
3 f.	הָ	דְּבָרָהּ <i>her</i> —	3 f.	יהָ	דְּבָרֶיהָ <i>her</i> —
1 c.	נוּ	דְּבָרֵנוּ <i>our</i> —	1 c.	ינוּ	דְּבָרֵינוּ <i>our</i> —
2 m.	כֶּם	דְּבָרְכֶם <i>your</i> —	2 m.	יְכֶם	דְּבָרֵיכֶם <i>your</i> —
2 f.	כֶּן	דְּבָרְכֶן <i>your</i> —	2 f.	יְכֶן	דְּבָרֵיכֶן <i>your</i> —
3 m.	ם	דְּבָרָם <i>their</i> —	3 m.	יהֶם	דְּבָרֵיהֶם <i>their</i> —
3 f.	ן	דְּבָרָן <i>their</i> —	3 f.	יהֶן	דְּבָרֵיהֶן <i>their</i> —

שָׁנָה *a year, Fem.*

Sing.			Plur.		
1 c.	י	שָׁנָתִי <i>my year</i>	1 c.	י	שָׁנֹתַי <i>my years</i>
2 m.	ךָ	שָׁנָתְךָ <i>thy</i> —	2 m.	יָךְ	שָׁנֹתֶיךָ <i>your</i> —
2 f.	ךָ	שָׁנָתְךָ <i>thy</i> —	2 f.	יָךְ	שָׁנֹתֶיךָ <i>your</i> —
3 m.	ו	שָׁנָתוֹ <i>his</i> —	3 m.	יו	שָׁנֹתָיו <i>his</i> —
3 f.	הָ	שָׁנָתָהּ <i>her</i> —	3 f.	יהָ	שָׁנֹתֶיהָ <i>her</i> —
1 c.	נוּ	שָׁנֹתֵנוּ <i>our</i> —	1 c.	ינוּ	שָׁנֹתֵינוּ <i>our</i> —
2 m.	כֶּם	שָׁנֹתֵיכֶם <i>your</i> —	2 m.	יְכֶם	שָׁנֹתֵיכֶם <i>your</i> —
2 f.	כֶּן	שָׁנֹתֵיכֶן <i>your</i> —	2 f.	יְכֶן	שָׁנֹתֵיכֶן <i>your</i> —
3 m.	ם	שָׁנֹתָם <i>their</i> —	3 m.	יהֶם	שָׁנֹתֵיהֶם <i>their</i> —
3 f.	ן	שָׁנֹתָן <i>their</i> —	3 f.	יהֶן	שָׁנֹתֵיהֶן <i>their</i> —

§ 134. REMARKS.

1. Not only does the suffix of the third pers. sing. masc. often reject י (§133. 2. i.), as חֲצָרוֹ *his arrows*, for חֲצָרִי, but the י also falls away before certain other suffixes, as אֹיְבֵינוּ *our enemies*, for אֹיְבֵינוּ, 2 Sam. 19. 10, יָדֶיךָ *thy hands*, for יָדֶיךָ, 2 Sam. 3. 34, דְּרָכֶיךָ *thy ways*, for דְּרָכֶיךָ, Ps. 119. 37. On the other hand an adventitious י has for some reason been inserted between the noun and suffix in תְּהִלָּתֶיךָ

Ps. 9. 15. Instead of the suffix ו there occurs also the fuller וְהוּ, as קִינֵיהֶו *his eyes*, for קִינֵיו, Job 24. 23, גְּבוּרֵיהֶו *his mighty men*, for גְּבוּרֵיו, Nah. 2. 4. The Aramaic suffix וְהוּ or וְהוּ once appears in one of the later writers, as תְּגַמְלוּהוּ *his recompenses or benefits*, for תְּגַמְלוּרֵו Ps. 116. 12.

2. The suffix of the third pers. sing. masc. sometimes occurs in the form of הו instead of ו, as אֹהֶלְהוּ *his tent*, Gen. 12. 8, כָּלְהוּ *the whole of him*, Jer. 2. 21, שִׁירוֹהוּ *his song*, Ps. 42. 9. In one instance אַ is found instead of הו, viz. כָּלְאַ Ezek. 36. 5.

3. The suffixes הָ, כֶּם, כֶּן, הֶם, הֵן, וְהוּ and וְהוּ occasionally receive a הו paragogic, as יָדְהוּ *thy hand*, for יָדְךָ, בְּכֶהוּ, *in thee*, for בְּךָ, לְכֶהוּ *to thee*, for לְךָ, נְדִיבוֹתֵיהֶו *their (f.) carcasses*, for נְדִיבוֹתֵיהֶן, לְכֶהוּ *to you (f.)*, for לְכֶן, כָּלְהוּ *all of them*, for כָּלְהֶן, &c. The fem. suffix הָ in later writings is sometimes changed, according to Aramaic usage, into כֶּר, and is thus appended to both singular and plur. nouns, as עֲוֹנוֹתֵי כֶר *thine iniquity*, Ps. 103. 3, תַּחֲלוּתֵי כֶר *thine infirmities*, v. 3, חַיֵּי כֶר *thy life*, v. 4, מַעֲטָרְךָ *thy crowner*, v. 4, נְעֻרֵי כֶר *thy youth*, v. 5. In a single instance, Nah. 2. 14, occurs מְלָאכֶהוּ *thy messenger*, for מְלָאכֶהוּ or מְלָאכֶהוּ.

4. Instead of the suffixes הָ and וְהוּ some sing. nouns require הָם and הָן, which more appropriately belong to the plural, as כָּלְהָם *the whole of them*, כָּלְהָן *id. (f.)*; yet כָּלְהוּ *id.* also occurs. In 2 Sam. 23. 6. we meet with the unique form כָּלְהָם = כָּלְהוּ; also כָּלְהָהוּ for כָּלְהָן, 1 Kings, 7. 37, and again כָּלְהָהוּ for כָּלְהָן, Gen. 42. 36. Altogether peculiar is כְּרִבְנָהוּ *their (f.) midst*, for כְּרִבְנָהוּ or כְּרִבְנָהוּ, Gen. 41. 21.

5. Nominal Infinitives and Participles have suffixes attached to them, for the most part in the same way with nouns, but occasionally they follow the construction of verbs; as when the pronoun of the first pers. sing. is to be translated by an accusative, then the verbal suffix נִי or נִי is used instead of וְהוּ as עֹזְרֵנִי *the helping me*, עֹשֵׂנִי *the deceiving me*; עֹשֵׂנִי *making me*, רֹאֵנִי *seeing me*. On the contrary עֹזֵר signifies, act. *my helping* another. There are cases, however, where participles have וְהוּ annexed though indicating an accusative, as רֹאֵי וְהוּ *seeing me*, Job 7. 8. In Ezek. 47. 7, moreover, we have שׁוֹבְנֵי וְהוּ *my returning*, instead of normal שׁוֹבְנֵי.

6. It is observable that in several instances the suffixes of the second and third persons singular are used without a strict regard to gender, as עִמָּכֶם *with you*, לְכֶם *to you*, מִמָּכֶם *more than you*, Ruth

1. 8-11, where the address is to the daughters-in-law of Naomi. So פִּרְיָם *their* (f.) *fruit*, Lam. 2. 20; אֲבוֹתָם אוֹ אֲחֵיהֶם *their* (f.) *fathers or their* (f.) *brothers*, Judg. 21. 22; אוֹתָם *them* (f.), Judg. 19. 24; אוֹתָהּ *her*, Lev. 20. 6; אַתָּכֶם *you* (f.), Cant. 2. 7.—3. 5.

7. Originating probably in the suffixes, yet distinct from them, are the paragogic ו, י, and ך, which are appended to nouns in the same way with the ordinary suffixes. Whatever significancy these adventitious letters may originally have had, it seems to have been at length entirely lost, and we discern no other reason than that of euphony for their being retained.* Thus Gen. 49. 11, וְאָסְרִי לְנֶפֶךְ עֵירוֹ וְלִשְׂרָקָהּ בֵּינִי אֶחָדוֹ (for אָסֵר and בֵּן) *binding his foal unto the vine, and his ass's colt unto the choice vine*; Gen. 1. 24, חַיְהוֹת אֶרֶץ (for חַיִּים) *beast of the earth*; לְמַעַן מַיִם (for לְמַעַן) *at the fountain of water*; רַבְּתִי בַּגּוֹיִם (for רַבָּה) *great among the nations*; הַיֹּשֶׁבֶת בַּשָּׁמַיִם (for הַיֹּשֵׁב) *that dwelleth in the heavens*; לְמָחָרָם (for לְמָחָר) *to-morrow*; יִרְקָם (for יִרְקֵם) *in vain*; חֲנֹם (from חָן) *gratis, causelessly*; אֱמֹנָם (from אֱמֹן) *truth, truly*; Prov. 25. 27, כְּבוֹדָם (for כְּבוֹד) *glory*; 1 Sam. 6. 4, לְכֻלָּם (for לְכָל) *all*; יוֹמָם *daily, assiduously*.

§ 135. ADJECTIVES.

By recurrence to § 117. 2, it will be seen that instead of ranking the Adjective as an independent part of speech, we have considered it simply as one of the several species of nouns. As such its derivation and inflection have already been virtually treated, so that the following additional remarks will be all that is required under this head.

(a) As qualifying words, adjectives are usually placed after their respective nouns, as אִישׁ טוֹב *a man good*, i. e. *a good man*; מֶלֶךְ גָּדוֹל *a king great* (am) *I*. For the sake of emphasis, however, the adjective occasionally precedes the noun, as גָּדוֹל עֹנִי *great is my crime*, Gen. 4. 13, עֵרֵל זָכָר *the uncircumcised male*, Gen. 17. 14.

(b) When the noun is accompanied by the definite article (ה) or by any of the pronominal suffixes, the adjective also receives the article, as הָאִישׁ הַטוֹב *the good man*, הָאִשָּׁה הַטוֹבָה *the good woman*, בְּנִי הַקָּטָן *my little son*, בָּנָיו הַקָּטָנִים *his little sons*. Otherwise the ad-

* Ewald however, recognises in these letters, at least in ו and י, slight traces of a primitive *union-vowel* or *intermediate sound* belonging to the const. state.

jective ceases to be the qualifying word, and becomes the predicate of the substantive, as *הָאִישׁ טוֹב* *the man (is) good*, *בְּנִי קָטָן* *my son (is) little*, &c.

(c) Adjectives ending in Yod with Hireq are mostly gentile denominations, as *עִבְרִי* *a Hebrew man*, *עִבְרִיָּה* *a Hebrew woman*, *מִצְרִי* *an Egyptian*, *יִשְׂרָאֵלִי* *an Israelite*, *אֶפְרַתִּי* *an Ephrathite*; so also *נִכְרִי* *a foreigner*, *צָפוֹנִי* *northern*. To this *אֶכְזָרִי* *cruel* is an exception, the Yod being merely paragogic.

§ 136. Degrees of Comparison in Adjective Nouns.

1. The degrees of comparison are not indicated in Hebrew, as in Latin and Greek, by a change in the adjective, but by certain accompanying words, especially prepositions and adverbs, placed before it. Thus the Comparative degree is expressed by the preposition *מִ* (from *מִן*) signifying *from, than, in comparison of*, placed after the adjective and before the noun with which the comparison is made; as *מְדַבֵּשׁ מִחֹק מְדַבֵּשׁ* *sweeter from honey*, i. e. *sweeter than honey*; *טוֹב מִחַיִּים* *better than life*, *גָּדוֹל מִכָּל-בְּנֵי קֶדֶם* *greater than all the sons of the East*. So when constructed with a verb, *אֶחְבֹּדֶנָּה מִזְקֵנִים* *I understood more than the elders*. The effect of *מִ* is sometimes to give to an expression the force of the superlative, as *חָכָם מִכָּל הַחַיָּה הַשָּׂדֶה* *cunning above all the beasts of the field*, i. e. *the most cunning*.

2. The Superlative degree is not marked by any appropriate sign, but is expressed by various circumlocutions; as

(a) By the use of the intensive adverb *מְאֹד* *very*, or *מְאֹד מְאֹד* *very, very*, as, The waters increased *מְאֹד מְאֹד* *very exceedingly*, Gen. 7. 19.

(b) By repeating a noun in the Genitive, as *קֹדֶשׁ הַקְדָּשִׁים* *holy of holies*, i. e. *the most holy place*: *הַבֵּל הַבָּלִים* *vanity of vanities*; *עֶבֶד עֲבָדִים* *servant of servants*, &c.

(c) By repeating the adjective; as *רַע רַע* *bad, bad*, *רַע רַע* *says the buyer*, i. e. *very bad*, Prov. 20. 14. *עֲמֹק עֲמֹק* *deep, deep*, i. e. *exceedingly deep*, Eccl. 7. 24.

(d) By appending the name of God to a substantive, as *גָּדוֹל לַיהוָה* *a city great to God*, i. e. *exceedingly great*; *נָשִׂיא אֱלֹהִים* *a prince of God*, i. e. *a peculiarly great and eminent prince*. So in Greek, *ἀδελφός τοῦ Θεοῦ* *fair to God*, i. e. *exceedingly fair*, Acts 7. 20.

(e) By the article prefixed to the positive, as **אָחִירִי הַגָּדוֹל** *his great brother*, i. e. his eldest brother, 1 Sam. 17. 28; **בְּנֵי יִשְׂרָאֵל הַגָּדוֹלִים** *the great sons of Jesse*, i. e. the eldest sons, 1 Sam. 17. 13; **בְּנוֹ הַקָּטָן** *his little son*, i. e. his youngest son, Gen. 9. 24.

(f) By means of the preposition **בְּ** *in, among*, as **קָטַן נַחֲתִיךָ בַּגּוֹיִם** *I will make thee small among the nations*, i. e. I will make thee least, Jer. 49. 15; **גִּבּוֹר בְּבִהְמָה לֵרֶשׁ** *the lion strong among beasts*, i. e. strongest, Prov. 30. 30.

§ 137. NUMERALS.

The Hebrew Numerals constitute a peculiar class of words, whose connexion with the living roots of the language is not easy to be recognised. They are essentially primitive substantives, though often having a mere adverbial usage. Only **אֶחָד** *one* is employed as a proper adjective. They are divided into two principal classes, *Cardinals* and *Ordinals*.

§ 138. Cardinals.

1. The Cardinal numbers from *one* to *ten* exhibit both a masculine and feminine form, subject like common nouns to the state of construction, which presents the usual variety of vowel changes, as **אֶחָד אִישׁ** *one man*, **אֶחָד אִשָּׁה** *one woman*, **שְׁנֵי עֵדִים** *two (of) witnesses*, **שֵׁשׁ יָמִים** *six (of) days*. They are as follows :—

	MASCULINE.			FEMININE.	
	Absol.	Const.		Absol.	Const.
One	אֶחָד	אֶחָד		אֶחָת	אֶחָת
Two	שְׁנַיִם	{ שְׁנֵי שְׁנַיִם }		{ שְׁתֵּי שְׁתַּיִם }	
Three	שְׁלֹשָׁה	שְׁלֹשָׁת		שְׁלוֹשׁ	שְׁלוֹשׁ
Four	אַרְבָּעָה	אַרְבַּעַת		אַרְבַּע	אַרְבַּע
Five	חֲמִשָּׁה	חֲמִשָּׁת		חֲמִשׁ	חֲמִשׁ
Six	שֵׁשׁ	שֵׁשֶׁת		שֵׁשׁ	שֵׁשׁ
Seven	שִׁבְעָה	שִׁבְעַת		שִׁבְעַ	שִׁבְעַ
Eight	שְׁמֹנֶה	שְׁמֹנַת		שְׁמֹנָה	שְׁמֹנָה
Nine	תְּשַׁעַה	תְּשַׁעַת		תְּשַׁע	תְּשַׁע
Ten	עֲשָׂרָה	עֲשָׂרַת		עֲשָׂר	עֲשָׂר

REMARKS ON THE TABLE.

(a) The shortest and perhaps original form of אחד is אחד (once with א elided, חד, Ezek. 33. 30), for which we find אחד Gen. 48. 22, Is. 27. 12. Const. אחד, though in the few instances just cited and some others אחד is found as the absolute form. Fem. אחת (in pause אחת) contracted from אחרת or אחרת; plur. אחדים *the same*, Gen. 11. 1, or *some*, Gen. 27. 44; 29. 20.

(b) The origin of the dual שנים *two* would seem to be obsolete שן; Fem. שנים (as if contr. from שנים), perhaps from original sing. שנה. The Dagesh is retained not only as compensative of נ rejected, as in pron. את thou f. (§ 30. 2. b.), and verb נחם for נחם (§ 38. 1. a.), but also probably from considerations of euphony, as the sound of the aspirate נ is not easy after a sibilant. Const. שני, f. שתי. The word is properly a substantive dual equivalent to *a pair*.

2. The Numerals from *three to ten* are essentially *abstract substantives* to denote *a mass, a multitude*. If they stand quite alone, free from all connexion with a noun, the feminine form is always used, as שלשה *three = trias, triad*. When connected with substantives, they should properly as substantives be placed in the const. state, as בנים שלשה lit. *a triad of sons*; but having gradually lost their substantive character and assumed that of adjectives, they are put before nouns without construction, as שלשה בנים, or even after, still more in the manner of adjectives, as בנים שלשה. Having thus acquired more and more of the adjective sense, they accommodate themselves to the *gender*, i. e. the masculine; whereas when connected with a fem. noun, they, by way of distinction, drop their own characteristic termination. But in some few cases the original fem. numerals are found connected with fem. substantives, as שלשת בנות *three daughters*, instead of the usual שלש בנות Gen. 7. 13, Zech. 3. 9.

3. The intermediate numbers from *ten to twenty, twenty to thirty, &c.*, are made by connecting a decimal with a unit, in the following manner:—

	MASC.	FEM.
Eleven	אחד עשר	אחת עשרה
	עשרת עשר	עשרת עשרה
Twelve	שנים עשר	שתי עשרה
	שני עשר	שתי עשרה

	MASC.	FEM.
<i>Thirteen</i>	שְׁלֹשָׁה עָשָׂר	שְׁלוֹשׁ עָשָׂר
<i>Fourteen</i>	אַרְבָּעָה עָשָׂר &c.	אַרְבַּע עָשָׂר &c.
<i>One and Twenty</i>	אַחַד וְעָשָׂר	אַחַת וְעָשָׂר
<i>Two and Twenty</i>	שְׁנַיִם וְעָשָׂר &c.	שְׁתַּיִם וְעָשָׂר &c.

4. The decimals from *thirty* to *ninety* are expressed by the plural forms of the corresponding units; as יָמִים *thirty*, אַרְבָּעִים *forty*, חֲמִשִּׁים *fifty*, &c., except that *twenty* is עָשָׂרִים, the plural of עָשָׂר *ten*.

5. Hundreds and thousands are expressed by the plurals of the words מאָה *hundred*, and אֶלֶף *thousand*, preceded by the nine units, thus :

Hundreds and Thousands.

<i>One Hundred</i>	מֵאָה
<i>Two Hundred</i>	מֵאוֹת
<i>Three Hundred</i>	שְׁלֹשׁ מֵאוֹת
<i>Four Hundred</i>	אַרְבַּע מֵאוֹת &c.
<i>Three Thousand</i>	שְׁלֹשָׁה אֲלָפִים
<i>Four Thousand</i>	אַרְבָּעַת אֲלָפִים
<i>Twice Ten Thousand</i>	שְׁתַּיִ רִבּוֹת
<i>Ten times Ten Thousand</i>	עָשָׂר רִבּוֹת
<i>A Hundred Thousand</i>	מֵאָה אֶלֶף or מֵאוֹת אֶלֶף
<i>Six Hundred Thousand</i>	שֵׁשׁ מֵאוֹת אֶלֶף

§ 139. Ordinals.

1. The Ordinal numbers except the first are derived from the Cardinals by adding the terminations י. and ית. as may be seen from the following table. Most of them however, insert י. before the final letter of the ground form.

	Masc.	Fem.
<i>First</i>	רִאשׁוֹן	רִאשׁוֹנָה
<i>Second</i>	שֵׁנִי	שֵׁנִית
<i>Third</i>	שְׁלִישִׁי	שְׁלִישִׁית
<i>Fourth</i>	רְבִיעִי	רְבִיעִית
<i>Fifth</i>	חֲמִישִׁי	חֲמִישִׁית

	Masc.	Fem.
<i>Sixth</i>	שֵׁשִׁי	שֵׁשִׁית
<i>Seventh</i>	שִׁבְעִי	שִׁבְעִית
<i>Eighth</i>	שְׁמִינִי	שְׁמִינִית
<i>Ninth</i>	תִּשְׁעִי	תִּשְׁעִית
<i>Tenth</i>	עֲשָׂרִי	עֲשָׂרִית

As the ordinal numbers extend only to ten, when the enumeration went *beyond* this, and sometimes when it fell short of it, the Hebrews made use of the Cardinals to express the Ordinals. But then the number always followed the noun, or the noun was repeated, as (card.) יוֹם עֶבֶר יָנִים *twelve days*, but (ord.) יוֹם הַיָּנִים עֶבֶר *the twelfth day*; or יוֹם הַיָּנִים עֶבֶר *the twelfth day*; שָׁנָה חֲמִשִּׁים *the fiftieth year*. So below ten אַרְבַּע שָׁנָה *in the year four*, i. e. *the fourth year*; יוֹם אֶחָד *the one day*, i. e. *the first day*. In this case the numeral is almost uniformly followed by ל as יוֹם אֶחָד ל *in the tenth day to (of) the month*; שְׁלוֹשׁ לְמַלְכוּת *in the third year to (of) the reign*.

§ 140. Fractional Numbers.

1. These are חֲצִי (const. חֲצִי) m., מֶחֶצֶת and מִחְצִית f. *a half*. The rest of the *fractional* numbers are indicated by placing the feminine ordinals before the noun; thus שְׁלִישִׁית הַשָּׁנָה *the third (part) of a year*; whereas שָׁנָה הַשְּׁלִישִׁית signifies *the third year*. In some cases the noun is omitted, as, 'And ye shall give חֲמִשִּׁית *a fifth* unto Pharaoh,' Gen. 47. 24.

§ 141. Position of Numerals in a Sentence.

1. There is no fixed and uniform rule as to the *order* of the different parts of a compound numerical expression. In some cases the numerals come before and sometimes after the name of the thing numbered. Thus אֶחָד and אֶתָּה are always placed after while the rest of the class mostly precede their nouns, either in the construct or absolute state, as שְׁנֵי אַנְשִׁים or אַנְשִׁים שְׁנֵי *two men*, עֶשְׂרִים קִרְבָּיִם *twenty boards*. In large combinations we may either begin with the units and proceed to the greater numbers, or *vice versa*, as will be seen in the following series of examples, which will better illustrate the general Hebrew usage into numerals than any mere verbal description.

From 1 to 10.

אֶחָד *one day*, אֶחָת *one lip*, in const. אֶחָד *one man*, (lit. unity of man). בְּאַחַת עִירי הַמְּמִלְכָּה *in one of the cities of the kingdom*, שְׁנֵים אֵילִים *two rams*, in const. שְׁנֵי הַמְּאֹרוֹת הַגְּדֹלִים *two great lights*, שְׁלֹש בָנוֹת *three daughters*, in const. שְׁלֹש הַשָּׁנִים *three years*, חֲמִשָּׁה שֶׁקֶלִים *five shekels*, in const. חֲמִשָּׁת שָׁקִלִים *id.*, שִׁבְע שָׁנִים *seven years*, שִׁבְעַת יָמִים *seven days*, &c.

Units and Tens from 20 to 90.

שְׁנֵים עָשָׂר שְׁבָטִי וְיִשְׂרָאֵל *eleven stars*, the twelve tribes of Israel, אַרְבָּעָה בָּנִים *fourteen sons*, חֲמֵשׁ עָשָׂר שָׁנָה *fifteen years*, &c.

Hundreds and Thousands.

בֶּן מֵאָה וְעֶשְׂרִים שָׁנָה *one hundred and twenty years old* (lit. son of a hundred and twenty years), וּמֵאָת שָׁנָה *lit. three and thirty and a hundred years*, שְׁמֹנִים וּמֵאָת יָדֵם *lit. eighty and a hundred days*, אֶלֶף וְשִׁבְעֵי מֵאוֹת וְחֲמִשָּׁה וְשִׁבְעִים שֶׁקֶל *a thousand seven hundred and seventy-five shekels*, שְׁנַיִם אֲלָפִים סוּסִים *two thousand horses*, שְׁנֵים עָשָׂר אֲלָפִים *ten thousand*, שִׁשָּׁת אֲלָפִים *six thousand*, מֵאָת אֲלָפִים *a hundred thousand*, רִבּוֹ אָדָם *twelve myriads of men*—one hundred and twenty thousand.

CHAPTER X.

§ 142. PARTICLES.

1. "Under this term the elder grammarians comprehended all such words as are used for the purpose of defining, explaining, or modifying either the principal parts or the whole of a sentence, and of showing the relation and connexion between its several members; and hence they extended this denomination even to the *Article* and the *Pronoun*. Modern grammarians, however, have limited the term to *Adverbs*, *Prepositions*, *Conjunctions*, and *Interjections*; and in this restricted sense it is to be understood here.

2. Particles are divided into *Inseparable* and *Separable*. The *Inseparable* are parts of words prefixed or appended to others with which they are substantially incorporated, as is the case with *ו* and

בּ in אֶרֶץ *towards the land*, מֵאֶרֶץ *from the land*; and with וּ and לְ in וּלְאֶרֶץ *and to the land*. The *Separable* consist of entire words; as עַתָּה *now*, עַל *upon*, בְּרֵם *before*, כֵּן *so*, הִן *behold*, הֵבָה *come! go to!*

§ 143. SEPARABLE PARTICLES.

1. The Particles of this class are partly primitive and partly derivative. To the former belong הֵא and הֵן *lo! behold!* נָא a particle of entreaty, *I pray you, now*, and indeed all those words usually denominated *Interjections*, and expressing merely the *affections* or *emotions* of the speaker, whether of grief, joy, fear, anger, &c., as אַה *ah! oh!* of which see a farther account hereafter. But by far the largest portion of them are derivatives from other parts of speech, viz. the verb and the noun, as will be seen from the detailed statements below.

§ 144. Adverbs.

1. Among the *primitive* Adverbs may be enumerated אַי *where?* כֹּחַ *thus*, לֹא *not*, פֹּה *here*, שָׁם *there*. Of the derivatives from verbs the greater number are from the Inf., as כֵּן *so*, from בִּנְיָן *to establish, prepare, adjust*, טוֹב *well*, from טוֹב *to be good*, מְהֵרָה *quickly*, from מְהֵרָה *to hasten*, הַרְבֵּה *much*, from רַבָּה *to be numerous*; and from the Imp., as הֵבָה *go to*, from יָתַב *to give*, רְאֵה *behold*, from רָאָה *to see*, לָכֵן *come on*, from רָלַךְ *to walk*.

2. Of the Adverbs derived from nouns, which constitute a large majority, some retain the nominal form and even the distinctions of number and gender with scarcely any change, as אֶפֶס *without, only*, from אָפַס *want*, רַק *merely, only*, from רָק *thinness, emptiness*, כֵּרֵם *not yet*, from כָּרַם *beginning*, אֶצֶל *near, by the side of*, from אֶצֶל *side*, סָבִיב *round about*, from סָבִיב *circuit*, נֶצַח *forever*, from נֶצַח *perpetuity*, מִיִּשְׁרִים *righteously*, from מִיִּשְׁרִים *righteousness*, חֲלִיפוֹת *alternately*, from חֲלִיפָה *change*. Where a change occurs in the form it is usually

(a) By affixing the termination ם or ך, as אֱמֻנָה *truly*, from אֱמֶן *truth*, חִנָּם *gratis*, from חֵן *favor*, יוֹמָם *daily*, from יוֹם *day*, פְּתָעִים (= פְּתָעִים) *suddenly*, from פָּתַע *moment*, שֶׁלֹּשׁ *the day before yesterday*, from שָׁלֹשׁ *three*.

(b) By affixing the termination ית, as שְׁנֵית *twice*, from שְׁנֵי *two*, אַחֲרֵית *backwards*, from אַחֲרֵי *hindmost*, כְּרִינִית *mournfully*, from כְּרִי *mourner*, אֲרַמִּית *Syriac-wise*, from אֲרָם *Syria*, יְהוּדִית *Jewish-wise*, from יְהוּדָה *Judea*.

(c) By prefixing prepositions, which gives to many nouns an adverbial import, as לְבִטָּח *securely, confidently*, from בִּטָּח *confidence*, כַּמְעַט *as it were a little*, from מְעַט *a little*, כְּאַחַד *as one, together*, לְבַד *apart*, from בַּד *separation*, לְנֶחָד *straight forwards*, from נֶחָד *presence*. In the peculiar case of יחדיו = יחדו *together*, from יחד *union* and the יר, we find a noun and pronoun combined.

§ 145. *Prepositions.*

1. Some few of the separable prepositions are probably primitive, as אל *to*, בְּעַד or בֵּעַד *by*, נֶגֶד *near*, עֲמָת *near*, תַּחַת *beneath*. But the most of them are derived from nouns mostly in the const. state with scarcely any change of form, as בֵּין *between*, from בֵּין *interval*, מִן *from*, from מִנָּה *part, portion*, אַחֲרֵי, pl. const. אַחֲרָיו *behind*, from אַחֲרֵי *hinder part*, מִלִּד *opposite*, from מִלֵּד *front*. — The inseparable prepositions are treated under the ensuing head.

§ 146. INSEPARABLE PARTICLES.

1. This class of Particles consisting of the Prepositions בְּ *in*, כִּי *as*, לְ *to*, מִן or מִי (מִן) *from*, the conjunction וְ *and*, and the interrogative and local הֵ, are fragmentary prefixes or suffixes which no doubt derive their origin from other words, though from their great attrition the etymology in many cases has become exceedingly obscure. Most grammarians trace the Prepositions as follows :—

בְּ	<i>in, by,</i>	from	בֵּית	<i>house, within.</i>
כִּי	<i>as, like,</i>	“	כֵּן	<i>so.</i>
לְ	<i>to, for,</i>	“	אֵל	<i>to.</i>
מִן	<i>from,</i>	“	מִן	<i>from.</i>

2. *Punctuation.* These fragmentary prefixes are united in close conjunction with the words to which they pertain with some variety of vowel-pointing. The appropriate punctuation is,

(a) Simple Sheva, as בְּדָבָר *in a word*, כַּמֹּשֶׁה *as Moses*, לְדָוִד *to David*.

(b) Before simple Sheva they take short Hireq, § 27. 8. as בְּדָבָר (בְּדָבָר), לְבָנִי (לְבָנִי), כְּבָשָׁן (כְּבָשָׁן).

(c) Before composite Shevas they take the corresponding short vowel, as בְּאַמֵּר, בְּאַשֵּׁר, לְחָלִי. Yet the rough enunciation frequently remains with ל before an infinitive, as לְחַטֵּא, לְחַמֵּם, לְחַשֵּׁחַ. In any common words א loses its guttural power by assimilation, as בְּאַמְרִים, בְּאַלְחָדִים, לְאַמֵּר. See § 26. 3.

(d) When the article ה is omitted before nouns they assume its punctuation, § 29. 4. as לַמֶּלֶךְ *to the king*, for לְהַמֶּלֶךְ *among the people*, for בְּהָרִים *in the mountains*, for בְּהַרִּים.

(e) Before certain monosyllabic pronouns and other words beginning with accented syllables, they usually take Kamets as a foretone, as לָכֶם, כֹּזֵחַ, לָהֶם, לְמֹחַ, לְגִשָּׁח, לְלִכְתָּ, לְלִכְתָּ.

(f) Before the pronoun מֶה the prepositions ב and כ usually take Pattah, as בְּמֶה, כְּמֶה, but לְמֶה where the last syllable has lost the tone.

(g) In prefixing מֶן the final weak ך is for the most part assimilated to the following letter, and expressed by Dagesh forte, as מֶדְרָךְ for מֶדְרֶךְ, מֶנְלַפְנֵי for מֶנְלַפְנֵי, מֶגְדְּרֵי for מֶגְדְּרֵי. When followed by a guttural the compensation is made by lengthening the short ך into ם, according to § 25. 8, as מֶאֱדָם, מֶאֱרָץ, מֶעַם, מֶהָעָרִים, מֶרְשָׁעִים. Cases occur, however, in which the compensation is altogether neglected, though analogically due, as מֶחֱוָץ, מֶחֱרוֹת, מֶחֱרוֹם, מֶרְדָּף, מֶבְצִיר.

§ 147. Conjunction ו and.

1. Of the conjunctions, the copulative particle ו is by far the most important. In regard to punctuation, its appropriate point is simple Sheva, as מֹשֶׁה וְכָלֵב *Moses and Caleb*. But,

(a) Before Gutturals with composite Sheva it takes the corresponding short vowel, as וְעֵבֶדְךָ.

(b) Before a tone-syllable it frequently takes Kamets, as דֹּר וְדֹר *generation and generation*, וְפִתָּח *and a pit*.

(c) Before Yod, which would analogically have simple Sheva, it takes long Hireq and makes the Yod quiescent, as וְיָהִי, וְיָהִי.

(d) Usually before words beginning with either ב, מ, פ, and always before a letter with Sheva, it takes Shureq, as וְבִרְתָּ, וְמִלְכָּךְ, וְלִכְתָּ, וְפָרַעְתָּ.

(e) Before the verbs הָיָה and הָיָה it sometimes takes short Hireq or Segol, as וְהָיָה, וְהָיָה, וְהָיָה.

§ 148. Of ה Interrogative.

1. This particle occurs as a prefix to a word in a state of interrogation, in which case it is usually pointed with Hateph Pattah (ײ) to distinguish it from the Article (§29. 2-5). In particular

situations, however, it varies its punctuation ; as (a) Before Gutturals, where it assumes simple Pattah, as הָאֵלֶּךְ *shall I go?* הָאִישׁ *an homo* ; (b) Before Gutturals with Kamets, where it takes Segol, according to § 25. 9, as הָחָכֵם (should) *a wise man?* הָחָכְמָה *hath (this) been?* (c) Before a simple Sheva it sometimes appears with Pattah, as הַכּוֹנֵנָה Gen. 34. 31. (d) Occasionally with Dagesh forte, as הַלְבָּן Gen. 17. 17, Num. 13. 19, 1 Sam. 10. 24, &c.

§ 149. *Of הָ Local.*

1. Among the slightly perceptible rudiments of the formation of cases in Hebrew, is to be reckoned the attachment of הָ as a demonstrative particle, to denote *direction or motion towards a place*, (never towards a person), or the effort to attain an object, as הַבַּיִתָּה *towards the house*. This formation, which is capable of being affixed to every gender and number, is very loosely and weakly attached, not assuming the tone, and therefore leaving every long vowel wholly unaltered in the last syllable, as שָׁמָרָה *towards Samaria*, and הָהָרָה *towards the mountain*. But the short furtive vowels Segol, Pattah, and Hireq, of the Segolate forms, are often changed by its influence, as אֶרֶצָה *towards the earth*, קֶדְמָה *eastward*, and so also the toneless Hireq of the dual, as שָׁמַיְמָה *towards heaven*. The termination הָ of the fem. sing. is often changed before this particle into הֶ, as מֶרְחָה, מֶרְחָה ; and so also in the case of Paragogic ה considered below.

§ 150. *Of הָ Paragogic.*

1. This particle is annexed to many words solely, as it would seem, for the sake of euphony, together with some degree of additional emphasis in the meaning, as לַיְלָה, לַיְלָה *night*, עֲוֹנָה, עֲוֹנָה *iniquity*, סוּפָה, סוּפָה *whirlwind*, מְזֻמָּה, מְזֻמָּה *wickedness*, אִרְמָה, אִרְמָה *fear*, יְשׁוּעָה, יְשׁוּעָה *salvation*, צָרָה, צָרָה *strails, distress*.

§ 151. COMPOUND PARTICLES.

1. Cases often occur where two or more Particles are conjoined in one, as אֵיפֹה *where?* from אֵי part. of interrog. and פֹּה *here* ; אֵיכֹה, אֵיכֹה *how*, from אֵי and כֹּה *thus* ; בְּלִיעֲדֵי *except, beside*, from בֶּל *not*, and עֲדֵי *to*. Thus too when made up of two or three distinct words, as כִּי אֲמָ *although*, כִּי אֲמָ *but truly*, כֵּן כֵּן *therefore*, כִּי רָצוֹן *because*, עַל אֲדוֹתָ *on account of*, עַל פָּנָי *before*, &c.

§ 152. PARTICLES WITH SUFFIXES.

1. The annexation of pronominal suffixes to the Particles is a striking peculiarity in the structure of the Hebrew and the other

Shemitic languages. As a general rule Particles which are derived from the const. state of a noun receive the nominal suffixes, but **הִנֵּה** *behold*, from its signification always takes the verbal suffixes, as **הִנֵּנִי** *en me = here am I!* **הִנֵּנוּ** *en nos*, the tone remaining very strong on the end of the word, except in pause **הִנֵּנִי**, **הִנֵּנוּ**, though occasionally **הִנֵּנִי**, **הִנֵּנוּ** Gen. 22. 7—27. 18—44. 16; **הִנֵּנִי** Jer. 18. 3, generally shorter **הִנֵּנִי**; **הִנֵּנִי** *en te*, in pause **הִנֵּנִי**, f. **הִנֵּנֶם** *en vos*, **הִנֵּם** *en eos*. Particles which virtually include the idea of the substantive verb *to be* receive also the verbal suffixes, because they approach nearer to the verb than to the noun, and the personal pronoun is more loosely attached, as always **עוֹדֵנִי** *yet am I*, **אֵינִי** *I am not*, with the third pers. sing. **עוֹדֶנָּה**, **אֵינָהּ**, **הִיא** *he is*; but simply **אֵינִי**, **עוֹדֵךְ**, **אֵינְךָ**, **הִנֵּךְ** *where art thou?* **אַיִתְּךָ** afterwards written **אַיִתִּי** Ps. 73. 5, **אַיִתְּךָ**, **עוֹדְךָ**.

2. The union is very remarkable in the case of the preposition **מִן** *from*. The final **ן** which is a very weak consonant in itself, becomes before the lighter suffixes entirely conformed to the verbal epenthetic **נִן** (for **נָן**) which is inserted before them, § 105. 3, and as the tone, and indeed the whole word, is very much shortened thereby the **מ** itself is repeated, as **מִמֶּנִּי** for **מִנִּי** *from me*, **מִמֶּנּוּ** *from us* (also **מִמֶּינִי** *from him*, for **מִינִי**), **מִמֶּנָּה**; but **מִמֶּךָ** (in pause **מִמֶּךָ**), **מִמֶּךָ**, for **מִינְךָ**, **מִמֶּךָ**, because this **ן** is not so easily supported before these somewhat heavier suffixes; yet before the common grave suffixes this formation ceases entirely, as **מִמֶּם**, **מִמֶּנָּם**. It should be remarked, however, that other grammarians resolve the form by a different mode of reduplication; thus, **מִמֶּנִּי** = **מִמֶּנִּי** for **מִמֶּנִּי**.

3. The Particle **אֵת** has a twofold power, being used as a sign of the accusative and as a preposition equivalent to *with*. In the first of these characters it would seem that its original form was **אֵתֹה**, which is generally shortened to **אֵת** or **אֵתֹה**, but the primitive **o** is retained before the suffixes, as the final **ת** being separated in the pronunciation, the vowel sound of the syllable becomes more open, and the original long vowel more easily maintained. Accordingly we find the **o** remaining before all the lighter suffixes, as **אֵתֹרִי** *me*, **אֵתֹהּ** *him*, **אֵתֹנִי** *us*, **אֵתֹךְ** *thee*. But before the heavier suffixes, which are very apt to shorten and flatten the preceding mutable vowels, the **e** is made immediately hard, as **אֵתְּכָם**, **אֵתְּהֶם**; but occasionally in the later writers **אֵתְּכֶם** Josh. 23. 15, **אֵתְּהֶם** Ezek. 23. 47. This Particle therefore is really altogether distinct from the preposition **אֵת** (**אֵתֹה**)

with, which exhibits the suffixed forms *אִתִּי with me*, *אִתְּךָ with thee*, *אִתְּכֶם with you*. But as the shortened *אִתּ* has become very much assimilated to this preposition, and, except before suffixes, has precisely the same sound, it is not perhaps surprising to see them occasionally confounded in the later writers, who in a few instances use *אִתּ* before the suffixes for the preposition *with*, particularly in Joshua, Kings, Jeremiah, and Ezekiel, who have *אִתְּךָ with thee*, *אִתָּהּ with her*, *אִתָּם with them*.

4. Instead of the simple *כִּי as* we find *כִּמּוֹ* always employed before the lighter suffixes, as *כִּמּוֹנִי like me*, *כִּמּוֹךָ like thee*; but before the heavier suffixes the primitive *כִּי* only appears, as *כִּיָּכֶם*, *כִּיָּהֶם*. Yet we have the poetic *כִּי־כֶם* Job 12. 3, and *כִּי־* before all nouns.

5. As a general rule prepositions and other very short attrited particles take the longest possible pronunciation when united with suffixes. Thus (a) uniformly the foretone *a* (־), as *כִּיָּכֶם*, *כִּמּוֹנִי*, *לָהֶם*, also *עִמָּהֶם* from *עִם with*. (b) The longer formations *לָהֶם* (never *לָם*), *אִתְּךָ* or *בְּךָ*, and often *בָּהֶם* for *בִּם*, *עִמָּהֶם* for *עִמָּם* and *אִתְּךָ* also often *לָהֶנּוּ*, *בָּהֶמָּה* for *בָּהֶם*. (c) Kamets instead of Tseri as union vowel of the suffix, as *אִתְּנִי*, *אִתְּנִי*, *אִתְּנִי*; indeed so much does this vowel prevail that it expels the Tseri of the sec. pers. sing. fem., as *בָּךְ*, *אִתְּךָ*, *עִתְּךָ*, *הִתְּךָ*. In like manner *כֹּל all*, which approaches the pronouns as to idea, exhibits some pronominal peculiarities, as *כֹּלֵנוּ all of us*, *כֹּלְךָ* or *כֹּלְךָ all of thee*.

6. Vestiges of a plural of prepositions plainly appear in *אַחֲרֵי after thee*, *אַחֲרֵיהֶם after them*; though the simple const. state without suffix is often only *אַחֲרֵי*. The word *תַּחַת under* is not found in the simple const. state, but only before suffixes in the pl., although instead of the longer *תַּחַת־הֶם* we frequently find the shorter *תַּחַת־ם* from the singular. Only in Amos 9. 10, is *בְּעַד about* found with a pl. suffix, *בְּעַדֵּינוּ*. In *בֵּין between* the pl. *בֵּינֵינוּ*, *בֵּינֵיכֶם*, is confined to the case of the suffix also having a plural sense, as *בֵּינֵינוּ וּבֵינֵיכֶם between me and you, &c.* But we are not to confound the forms of the prepositions *אֶל to*, *עַל upon*, *עַד as far as*, with the plural, though they resemble it externally, for those prepositions being from *ל* roots, have the ending *י* from their origin, and not from the plural. This termination is always retained before suffixes; but without suffixes the poets use them in the form of the const. pl., as *אֶלֵּי Job 29. 19*, *עַלֵּי Num. 24. 6*, *עַדֵּי Num. 24. 20, 24*.

§ 153. PARADIGM OF PARTICLES WITH SUFFIXES.

בִּי *in.*

SING.

- 1 c. בִּי *in me*
 2 m. בְּךָ, בָּךְ, *in thee*
 2 f. בְּךָ *in thee*
 3 m. בוֹ *in him*
 3 f. בהּ *in her*

PLUR.

- 1 c. בָּנוּ *in us*
 2 m. בָּכֶם *in you*
 2 f. בָּכֶן *in you*
 3 m. בָּהֶם, בָּם *in them*
 3 f. בָּהֶן, בָּהֶן *in them*

כִּי (כְּמוֹ) *as or like.*

SING.

- 1 c. כְּמוֹנִי *like me*
 2 m. כְּמוֹךָ *like thee*
 2 f. כְּמוֹךָ *like thee*
 3 m. כְּמוֹהוּ *like him*
 3 f. כְּמוֹתָהּ *like her*

PLUR.

- 1 c. כְּמוֹנוּ *like us*
 2 m. כְּמוֹכֶם, כְּמוֹכֶם *like you*
 2 f. כְּמוֹכֶן *like you*
 3 m. כְּמוֹהֶם, כְּמוֹהֶם *like them*
 3 f. כְּמוֹתָהֶן, כְּמוֹתָהֶן *like them*

אֵת *as Sign of Accusative.*

SING.

- 1 c. אֵתְּרִי, אֵתְּרִי *me*
 2 m. אֵתְּךָ, אֵתְּךָ *thee*
 2 f. אֵתְּךָ *thee*
 3 m. אֵתּוֹ *him*
 3 f. אֵתָּהּ *her*

לִי *to.*

SING.

- 1 c. לִי *to me*
 2 m. לָּךְ, לְךָ *to thee*
 2 f. לְךָ *to thee*
 3 m. לוֹ *to him*
 3 f. להּ *to her*

PLUR.

- 1 c. לָנוּ *to us*
 2 m. לָכֶם *to you*
 2 f. לָכֶן *to you*
 3 m. לָהֶם, לָמוֹ *to them*
 3 f. לָהֶן, לָהֶן *to them*

מִן *from.*

SING.

- 1 c. מִמֶּנִּי, מִמֶּנִּי *from me*
 2 m. מִמֶּךָ, מִמֶּךָ *from thee*
 2 f. מִמֶּךָ *from thee*
 3 m. מִמֶּהוּ *from him*
 3 f. מִמֶּתָהּ *from her*

PLUR.

- 1 c. מִמֶּנּוּ *from us*
 2 m. מִמֶּכֶם *from you*
 2 f. מִמֶּכֶן *from you*
 3 m. מִמֶּהֶם *from them*
 3 f. מִמֶּהֶן *from them*

אֵת *as Preposition.*

SING.

- 1 c. אֵתְּרִי *with me*
 2 m. אֵתְּךָ, אֵתְּךָ *with thee*
 2 f. אֵתְּךָ *with thee*
 3 m. אֵתּוֹ *with him*
 3 f. אֵתָּהּ *with her*

אֲנִי as Sign of Accusative.

PLUR.

- 1 c. אֲנֵנוּ *us*
 2 m. אַתְּכֶם, אֲתֶכֶם *you*
 2 f.
 3 m. אֲתֶם, אֲתֶכֶם *them*
 3 f. אֲתֶן, אֲתֶנָּה *them*

אַחֲרַי after.

SING.

- 1 c. אַחֲרַי *after me*
 2 m. אַחֲרֶיךָ *after thee*
 2 f. אַחֲרֶיךָ *after thee*
 3 m. אַחֲרָיו *after him*
 3 f. אַחֲרֶיהָ *after her*

PLUR.

- 1 c. אַחֲרֵינוּ *after us*
 2 m. אַחֲרֵיכֶם *after you*
 2 f. אַחֲרֵיכֶן *after you*
 3 m. אַחֲרֵיהֶם *after them*
 3 f. אַחֲרֵיהֶן *after them*

אֵל to.

SING.

- 1 c. אֵלַי *to me*
 2 m. אֵלֶיךָ *to thee*
 2 f.
 3 m. אֵלָיו *to him*
 3 f.

PLUR.

- 1 c. אֵלֵינוּ *to us*
 2 m. אֵלֵיכֶם *to you*
 2 f.
 3 m. אֵלֵיהֶם *to them*
 3 f.

אֲנִי as Preposition.

PLUR.

- 1 c. אִתָּנוּ *with us*
 2 m. אִתְּכֶם *with you*
 2 f. אִתְּכֶן *with you*
 3 m. אִתָּם *with them*
 3 f. אִתָּן *with them*

בֵּין between.

SING.

- 1 c. בֵּינֵנוּ *between me*
 2 m. בֵּינֶיךָ, בֵּינֶיךָ *between thee*
 2 f.
 3 m. בֵּינָיו, בֵּינָיו *between him*
 3 f.

PLUR.

- 1 c. בֵּינֵנוּ, בֵּינֵנוּ *between us*
 2 m. בֵּינֶיכֶם *between you*
 2 f.
 3 m. בֵּינֵיהֶם, בֵּינֵיהֶם *between them*
 3 f.

עָלַי upon.

SING.

- 1 c. עָלַי *upon me*
 2 m. עָלֶיךָ *upon thee*
 2 f.
 3 m. עָלָיו *upon him*
 3 f.

PLUR.

- 1 c. עָלֵינוּ *upon us*
 2 m. עָלֵיכֶם *upon you*
 2 f.
 3 m. עָלֵיהֶם, עָלֵיהֶם *upon them*
 3 f.

תַּחַת <i>under.</i>		עִמָּךְ <i>with.</i>	
SING.		SING.	
1 c. תַּחְתִּי, תַּחְתִּי, תַּחְתִּי <i>under me</i>		1 c. עִמִּי (עִמְדִּי) <i>with me</i>	
2 m. תַּחְתֶּךָ, תַּחְתֶּךָ <i>under thee</i>		2 m. עִמְךָ <i>with thee</i>	
2 f. תַּחְתֶּךָ, תַּחְתֶּךָ <i>under thee</i>		2 f. עִמְךָ <i>with thee</i>	
3 m. תַּחְתּוֹ, תַּחְתּוֹ, תַּחְתּוֹ, תַּחְתּוֹ <i>under him</i>		3 m. עִמּוֹ <i>with him</i>	
3 f. תַּחְתֶּיהָ, תַּחְתֶּיהָ <i>under her</i>		3 f. עִמָּה <i>with her</i>	
PLUR.		PLUR.	
1 c. תַּחְתָּנוּ, תַּחְתָּנוּ <i>under us</i>		1 c. עִמָּנוּ <i>with us</i>	
2 m. תַּחְתֶּכֶם, תַּחְתֶּכֶם <i>under you</i>		2 m. עִמָּכֶם <i>with you</i>	
2 f. תַּחְתֶּכֶן, תַּחְתֶּכֶן <i>under you</i>		2 f. עִמָּכֶן <i>with you</i>	
3 m. תַּחְתָּם, תַּחְתָּם <i>under them</i>		2 m. עִמָּהֶם <i>with them</i>	
3 f. תַּחְתֵּן, תַּחְתֵּן <i>under them</i>		3 f. עִמָּן <i>with them</i>	

§ 154. Interjections.

1. Of these the following are the principal :—

אָח, אָח, אָח <i>ah ! alas !</i>	הָבָה <i>come ! age !</i>
וֹי, וֹי, וֹי <i>wo ! ho !</i>	הִשָּׁה <i>hush ! be still !</i>
לֹה <i>O that !</i>	רְאֵה <i>see ! ecce !</i>
הִנֵּה, הִנֵּה <i>behold !</i>	חֲלִיכֵה <i>God forbid !</i>
כִּי <i>would that !</i>	נָא <i>I beseech !</i>

2. The Interjections occur for the most part in their simplest forms without any appendages, but to this הִנֵּה (הִנֵּה) is an exception, being varied by suffixes as follows :—

SING.		PLUR.	
1 c. הִנֵּנִי, הִנֵּנִי, הִנֵּנִי, הִנֵּנִי <i>behold me</i>		הִנֵּנוּ, הִנֵּנוּ, הִנֵּנוּ, הִנֵּנוּ <i>behold us</i>	
2 m. הִנֵּךָ <i>behold thee</i>		הִנֵּכֶם <i>behold you</i>	
2 f. הִנֵּךָ <i>behold thee</i>		הִנֵּכֶן <i>behold you</i>	
3 m. הִנֵּה <i>behold him</i>		הִנֵּם <i>behold them</i>	
3 f. הִנֵּהָ <i>behold her</i>		הִנֵּן <i>behold them</i>	

PART IV.

SYNTAX.

§ 155. THE ARTICLE.

1. The Article in Hebrew is for the most part used to designate a person or thing well known, either from general notoriety or previous description, as שָׁמַיִם *the heaven*, אֹרֶךְ *the light*, אָדָם *the man*, מִקְדָּשׁ *the sanctuary*.

2. It is sometimes used for the demonstrative pronoun, as הַיּוֹם *this day*, הַלַּיְלָה *this night*, הַפַּעַם *this time*. Also for the relative, as הַיּוֹלֵךְ *which encompasseth*, הַיּוֹלֵד *which is born*.

The Article is omitted, (a) Before proper names; (b) Before nouns in the construct state; (c) Before nouns having any of the possessive pronominal suffixes. Occasional exceptions, however, to each of the above rules are met with, which it is not important to specify.

§ 156. NOUNS.

Case.

1. *Nominative Absolute.* When the Nominative is found detached, in regard to construction, from the rest of a sentence, it is termed the *Nominative Absolute*, and is to be rendered in English by prefixing some such expression as *as to*, *with respect to*, *with reference to*, &c., as הָאֵל תָּמִים דְּרָבּוֹ (as to) *God, his way is perfect*; הַדְּבָרִי אֲשֶׁר (as to) *the word which thou hast spoken . . . we regard it not*; אִישׁ זָרוֹעַ לוֹ הָאָרֶץ (as for) *the mighty man, he had the earth*.

2. *Genitive.* This is usually indicated by following a Noun, Adjective, or Participle in the construct state; as בֶּן-חַמְלֵךְ *son of the king*, מְלָכֵי עַמִּים *kings of the nations*, יָפֵה תֹאֵר *beautiful of form*, גָּדֹל-כֹּחַ *great of strength*, שִׁבְרֵי לֵב *broken of heart*, יֹשְׁבֵי חֹשֶׁךְ *sitters of (in) darkness*.

3. The Genitive is moreover often indicated by the preposition לְ *to, belonging to, of*, as מִזְמוֹר לְדָוִד *a psalm of David*, בֶּן לְיֵשָׁע *son of Jesse*, בְּאוֹרֶךְ הַחֹדֶשׁ *on the first day of the month*.

4. In signification the Genitive sometimes denotes the Genitive of the subject, sometimes of the object, as (a) of the subj. חֲמַת יְהוָה

the wrath of Jehovah, i. e. the wrath which he feels and manifests ; (b) *of the obj.* יִרְאַת יְהוָה *the fear of Jehovah*, i. e. that which is exercised towards him as its object, Prov. 1. 7. In which of these senses any particular Genitive is to be understood must be determined generally from the context, as the construction is in itself ambiguous ; thus מִן־אַתָּם *your fear*, in Gen. 9. 2, signifies *the fear which others will have of you*, but in Is. 8. 13, ‘Sanctify the Lord of Hosts Himself, and let Him be מִן־אַתָּם *your fear*,’ it evidently implies *the Being whom you ought to fear*.

4. *Dative.* The Dative is indicated by the prepositional prefix לְ to or for, as מִנְּחָה לְאַצְרוּתוֹ *no end to his treasures* ; ‘And Rachel came with the sheep לְאִשֶּׁר לְאָבִיהָ *which belonged to her father* ;’ הַצֹּפִים לְשָׂאוֹל *the watchers which belonged to Saul*.

5. *Accusative.* The Accusative or Objective Case is usually indicated by the particle אֶת (את־), though it frequently stands without any distinctive sign whatever, as וַיִּצַּר אֶת־נַעֲרָיו *and he commanded his servants* ; בֶּן יִכְבֵּד אָב וְעָבֵד אֶת־יָדָיו *a son honoreth his father and a servant his master*.

The אֶת is sometimes used before the Nominative, as וְאֶת־בַּרְזֶל *and the iron* fell into the water, 2 Kings 6. 5 ; אֶת־שֵׁמֶךָ *thy name* shall no more be called Abram, Gen. 17. 5 ; and there came וְאֶת־הַדָּבָר הַלֵּוֹן וְהַדָּבָר הַשָּׁחֵד *a lion and a bear*, 1 Sam. 17. 34.

6. The Accusative is used in a great number of instances where we should be required in Greek to understand *κατα*, and in Latin *secundum* or *quoad*, and where in English we must supply the phrase *as to*, *in respect to*, &c., as חָלָה אֶת־רַגְלָיו *he was diseased as to his feet*, 1 Kings 15. 23 ; גְּבִירֵי חֵזֶק *they are mighty as to power*, Job 21. 7 ; ‘Thou hast smitten all mine enemies לְחֵי *as to the cheek-bone*, Ps. 3. 8.

7. Nouns of time, place, measure, &c., are also put in the Accusative without a special dependence upon any particular verb, as אֶעֱבֹדָךְ שִׁבְעַ שָׁנִים *I will serve thee seven years*, Gen. 29. 18 ; וָאֶרְוַח בַּלַּיִל *and I arose by night*, Neh. 2. 12 ; פֶּתַח־הָאֹהֶל *at the door of the tent*, Gen. 18. 1 ; לָלֶזֶת תַּרְשִׁישׁ *to go to Tarshish*, Jon. 1. 3 ; וַיִּמָּשׁ עֶשְׂרֵה אַמָּה *the water rose fifteen cubits*.

§ 157. Number.

1. Nouns of the singular number are often used in a *collective* sense equivalent to the plural, as בְּתוֹךְ עֵץ הָרָק *in the midst of the tree of the garden*, i. e. of the trees. ‘And Abram took אֶת־הַנֶּפֶשׁ *the soul*

that they had gotten,' i. e. the souls, the persons. 'And they went unto the Jebusites יושב הארץ *the dweller in the land*,' i. e. the dwellers. 'For the king had at sea תרשיש *ship of Tarshish*,' i. e. ships, a navy.

This rule holds especially in regard to national denominations, as הַחִיטִּי *the Hittite*, הַחִיטִּי *the Amorite*, הַיְּבוּסִי *the Jebusite*, i. e. the Hittites, Amorites, Jebusites.

2. The plural of nouns expressing dignity and majesty, particularly the titles of the Most High, is generally used instead of the singular. This is termed *pluralis excellentiæ*, as בָּרָא אֱלֹהִים *God created*; אֲדֹנֵי הָאָרֶץ *lord of the land*; אֲדֹנִים קָשָׁה *a cruel lord*. So likewise בְּרָאֵךְ *thy Creator*, עֲשֵׂךְ *thy Maker*.

§ 158. Repetition of Nouns.

1. The repetition of nouns, if *without* the copula ו *and*, denotes (1) Multitude, as בְּאֵרוֹת בְּאֵרוֹת *pits pits of slime*, i. e. a great number of pits, Gen. 14. 10; הֵמָּרָם הֵמָּרָם *heaps, heaps*, Ex. 8. 10. (2) Distribution, as בְּבֹקֶר בְּבֹקֶר *in the morning, in the morning*, i. e. every morning, Ex. 36. 3; יוֹם יוֹם *day, day*, i. e. every day; עֶדְדָּךְ עֶדְדָּךְ *flock, flock by itself*, i. e. each flock by itself. (3) Intensity, as צֶדֶק תִּרְדֹּף צֶדֶק *justice, justice thou shalt follow*, Deut. 16. 20; עֵמֶק עֵמֶק *deep, deep*, i. e. very deep, Eccl. 7. 24. Repetition *with* copula ו usually denotes diversity, as 'Thou shalt not have in thy bag אֶבֶן וְאֶבֶן *stone and stone*, i. e. different stones or weights, Deut. 25. 14; וְלֵב וְלֵב *they speak with heart and heart*, i. e. they speak with duplicity, Ps. 12. 3.

§ 159. Nouns used as Adjectives.

1. Of two nouns in regimen the latter is very frequently employed as an adjective to qualify the former, as בְּגָדֵי הַקֹּדֶשׁ *garments of holiness*, i. e. holy garments; אֶבֶן צֶדֶק *stone of justice*, i. e. just weight; אִשָּׁה נְעוּרִים *wife of youth*, i. e. young wife; חֶלֶקֶת הַמְּדָה *portion of desire*, i. e. desirable or pleasant portion; שְׁנַת עוֹלָם *sleep of perpetuity*, i. e. perpetual sleep; מִתֵּי מִסְפָּר *men of number*, i. e. men that can be numbered.

2. In some instances a noun with a preposition answers the place of an adjective, as עֲבוֹדָה בַּשָּׂדֶה *service in the field*, i. e. rustic service; אֶשְׁמִירָה בַּלַּיְלָה *a watch in the night*, i. e. a nocturnal watch; בְּקֹדֶשׁ דְּרָבָךְ *in holiness is thy way*, i. e. thy way is holy; קוֹל יְהוָה בְּכֹחַ *the voice of the Lord is in strength*, i. e. is strong, Ps. 29. 4.

§ 160. ADJECTIVES.

Concord.

1. Adjectives usually agree with their substantives in gender and number; but to this there are many exceptions, particularly in regard to numerals, as *רִשְׁוֹן מִשְׁפָּטֶיךָ right (are) thy judgments*, i. e. thy judgments are a right thing; or, each of thy judgments is right; *זֶה עֶשְׂרִים שָׁנָה three kings*; *מֵאָה פְּעָמִים a hundred times*; *זֶה עֶשְׂרִים שָׁנָה this twenty years*; *כֶּסֶף מֵאָתָרִים two hundred (shekels) of silver*.

2. Dual nouns, as a general rule, take plural adjectives, as *יָדָיו רַפּוֹת weak hands*.

3. When the concord is directed by the *sense* rather than by the grammatical form of the noun, it may be termed *constructio ad sensum*. Of this the following are examples: *תִּשְׁבֵּת גְּבוּרָתוֹ the bow of the mighty is broken*, 1 Sam. 2. 4, where *תִּשְׁבֵּת* in form agrees with *גְּבוּרָתוֹ*, but in sense with *תִּשְׁבֵּת*. So *וְצִפְתָּח הַשֶּׁמֶן לֹא הָסִיר and the barrel of oil wasted not*, 1 Kings 17. 16, where *הָסִיר* is instead of *הָסִירָה* fem. In like manner *קוֹל דְּמִיר אָחִיךָ צֹעֲקִים the voice of thy brother's blood is crying*, *צֹעֲקִים* for *צֹעֶק* Gen. 4. 10.

4. An adjective connected with two substantives of different genders generally agrees with the masculine as the more worthy, unless the feminine stands nearest to it, in which case it frequently conforms to that, as *אַבְרָהָם וְשָׂרָה זָקְנִים Abraham and Sarah were old*, where the adjective is masc. But in *וְאֶהְרֹן וְמִרְיָם מְרִיבִים and Miriam and Aaron spake*, the predicate is feminine.

§ 161. PRONOUNS.

1. When a personal pronoun is the *subject* of a sentence, the neuter verb of existence (*הָיָה*) is for the most part omitted, as *אֲנִי נָגֵד I (am) naked*, *אֱלֹהִים אַתָּה thou (art) God*, *אֲנִי צַדִּיק we (are) righteous*, *מֵאֵן אַתָּה whence (are) ye?*

2. The pronouns affixed to verbs are usually in the accus. case and governed by the verb, but cases sometimes occur where a preposition is to be understood between the verb and its suffix, as *תָּתַתְּ לִי תוֹרָה thou hast given (to) me*, Josh. 15. 19; *לֹא יֵדְוֶךָ עִיב evil shall not dwell (with) thee*, Ps. 5. 5; *וַיִּזְעַקוּ and they cried (to) thee*, Neh. 9. 28; *וְשָׁמַרְתָּנִי then thou watchest (it for) me*, i. e. on my account, Job 10. 14.

3. *Anomalies*. Suffix pronouns in the singular not unfrequently relate to a noun plural, especially if it be a noun of mul-

titute, as 'when thou goest against אִיבֶיךָ *thine enemies*, and God בָּרַךְ *gives him* (sing.) into thine hand, Deut. 21. 10; 'and refused to be comforted for בָּנֶיהָ *her sons* because אֵינָהּ *he was not*, i. e. they were not,' Jer. 31. 15; 'and the woman took the two spies וַתְּצַפֵּנִי *and hid him*,' Josh. 2. 4.

4. Sometimes a sing. fem. suffix relates to a masc. or fem. plural, as מַיִם *the waters* wear the stones, כְּסִיחֶיהָ *its inundations* wash away the dust of the earth, Job 14. 19; 'which leaveth בִּיצֵתָהּ *her eggs* in the earth, . . . and forgetteth that the foot תְּזוּרָהּ *may crush it*, or that the wild beast תִּדְרֹשָׁהּ *may break it*,' Job 39. 14, 15; 'he cleaved בְּחַטָּאוֹתָ *to the sins* of Jeroboam, . . . he departed not מִמֶּנָּה *from it*,' 2 Kings 3. 3.

5. *Peculiar use of the Personal Pronoun.* In order to give greater emphasis to an expression the personal pronouns are sometimes *pleonastically* employed, as אֲנִי מִי רָתֵן מוֹתֵר אֲנִי *who will grant me to die, even me*, 2 Sam. 19. 1; אַתֶּם רַפְּלֵנוּ פְּגִרְיָכֶם *your carcasses, even ye, shall fall*, Num. 14. 32; בְּרַבְּכִי גַם אֲנִי *bless me also, even me*, Gen. 27. 34, 38; וְלִקְוֵי דַמָּךְ גַּם אֲתָה *shall lick thy blood, even thou*, 1 Kings 21. 19.

6. Both verbal and noun suffixes are used in the same manner, as וַתִּרְאֶה וַתִּרְאֶה אֶת־הַיֶּלֶד *and she saw him, the child*, Ex. 2. 6; וַיִּשְׁנֶה אֶת־טַעְמוֹ *and he changed it, his understanding*, 1 Sam. 21. 14; וְחַמְתּוֹ חִיתּוֹ לֶחֶם *his soul abhors it, bread*, Job 33. 20; בְּכַעְפֶּיהָ פְּרִיָהּ *in the twigs of it, the fruit tree*, Is. 17. 6; אֶת־רִיחָהּ שִׂמְחָהּ *the end of it, joy*, Prov. 14. 13; וְשָׂלִי בְּרִמִּי *my vineyard, which is to me*, Cant. 1. 6.

7. *Demonstrative Pronouns.* The demonstrative זֶה and זֹאת are sometimes used for the relative אֲשֶׁר omitted; as עַם זֶה יָצַרְתִּי *this people which I have formed*, Is. 43. 21; רָשָׁעִים זֶה שְׂדוּדִי *the wicked who destroy me*, Ps. 17. 9; וְאֶל־מָקוֹם זֶה יִסְדָּתָּ *to the place which thou hast founded*, Ps. 104. 8.

8. The demonstrative sing. זֶה is not unfrequently used with the plural and dual numbers, as זֶה שִׁבְעִים שָׁנָה *this seventy years*, Zech. 1. 12; זֶה פַּעַמַּיִם *this two times*, Gen. 27. 36; וְלִי עֶשְׂרִים שָׁנָה בְּבֵיתָךְ *this twenty years to me in thy house*, Gen. 31. 41.

9. *Relative Pronoun.* The grammatical antecedent of the relative is frequently omitted, or perhaps may be said to be included in the relative itself, as 'the Spirit shall carry thee לֹא אֵדָע *to (a place) which I know not*,' i. e. I know not whither, 1 Kings 18. 12; וְאֵשֶׁר חִבִּיתָ רָדַפּוּ (him) *whom thou hast smitten they persecute*, Ps. 69. 27; 'I will teach thee וְאֵשֶׁר תְּדַבֵּר *(that) which thou shalt speak*, Ex. 4. 12.

10. The relative itself, on the other hand, is often omitted, as *לָדַעַת כָּל-בְּלִבּוֹ to know all (which was) in his heart*, 2 Chron. 32. 31; *בְּדַדָּךְ לֹא יָדָעָה in a way (which) they knew not*, Is. 42. 16; *מִיּוֹם דִּבְרָתִי from the day (in which) I spoke*, Jer. 36. 2.

11. When a suffix or separable pronoun follows it is not to be considered merely as an expletive, but the sentence is to be resolved by making the relative dependent upon some word or words understood, as *אֲשֶׁר זָרַעַו בּוֹ which its seed was in it*, i. e. (as to) *which its seed was in it*, Gen. 1. 12; 'a nation לא תִשְׁמַע לְשׁוֹנִי (as to) *which thou shalt not understand its language*,' Deut. 28. 49; *אֲשֶׁר בָּא יוֹמוֹ (as to) whom, his day is come*, Ezek. 21. 30. So in innumerable other instances.

12. A remarkable change of persons from the second to the third is often to be observed in connexion with the relative, whether expressed or understood, as *הִנְנִי רֹסֵד behold me (who) has (have) founded, &c.*, Is. 28. 16; *רִנִּי עֲתֵרָה לֹא יִלְדָּה shout, thou barren who hath (hast) not borne*, Is. 54. 1; 'and thou profane wicked prince, *אֲשֶׁר בָּא יוֹמוֹ (as to) whom, his day is come*, Ezek. 21. 30. The same is the case in regard to *כָּלָם all of them*, used in reference to the second person for *כָּלְכֶם all of you*, as *כָּלָם תִּשׁוּבוּ as for them all, do ye return*, Job 17. 10.

13. *Other peculiar uses of the Relative.* The relative *אֲשֶׁר*, losing its pronominal character, is often employed,

(a) In the sense of *that*, answering to the Greek *ὅτι*, as 'that they may know *אֲנִי יְהוָה אֲשֶׁר that I am Jehovah*, Ezek. 20. 26; *אֲשֶׁר יִיטֵב לָךְ that it may be well with thee*, Deut. 4. 40; *אֲשֶׁר that the ears of every one that heareth shall tingle*. 1 Sam. 3. 11.

(b) To express the relation of *cause*, equivalent to *for, because, inasmuch as*, as *אֲשֶׁר מִי אֵל for who is a God* in heaven and earth, &c. Deut. 3. 24; 'they have brought them from the Amalekites, *אֲשֶׁר for the people spared the best of the sheep*,' &c., 1 Sam. 15. 15; 'this is thy lot . . . *אֲשֶׁר שָׁכַחְתָּ אוֹתִי because thou hast forgotten me*, Jer. 13. 25.

(c) To indicate the relation of *time*, having the sense of *when, since, after*, as 'that they should conceive *אֲשֶׁר when they came to drink*,' Gen. 39. 38; *אֲשֶׁר יִשְׁאַלְוּ בְּנֵיהֶם when your children shall ask their fathers*, &c., Josh. 4. 21; *אֲשֶׁר פָּתְחָה הָאָרֶץ אֶת-פִּיהָ when the earth opened its mouth*, &c., Gen. 4. 11.

(d) To express *conditionality*, equivalent to *if*, as 'a blessing,

אֲשֶׁר תִּשְׁמָעוּ *if ye obey, &c.*, Deut. 11. 27 ; אֲשֶׁר נָשָׂא רָחוּקָא *if a ruler hath sinned*, Lev. 4 22.

(e) A similar import attaches to אֲשֶׁר when used in conjunction with בְּ, בִּ, לְ, מִ, מִן, and other prefix particles, as בְּאֲשֶׁר *in that, by reason that*, כַּאֲשֶׁר *according to*, מֵאֲשֶׁר *than that*, עַל אֲשֶׁר *on account of*, לְמַעַן אֲשֶׁר *to the end that*, מִפְּנֵי אֲשֶׁר *because of*.

§ 162. VERBS.

Concord.

1. Though the verb generally agrees with its nominative case, in number, gender, and person, yet the rule has many exceptions, as

(a) Nouns of multitude in the singular often take a verb in the plural, as וְכָל־הָעָאָרֶץ וְכָל־הָעָם *then all the flock will die*, Gen. 33. 13 ; וְכָל־הָאָרֶץ בָּאָה מִצְרָיִם *and all the earth came into Egypt*, i. e. all the inhabitants of the earth, Gen. 41. 57 ; וְיָרָעְלוּ כָל־הָעָם *and all the people went up*, 1 Kings 1. 40. To this rule belong such collective nouns as אִישׁ *every one*, בֵּית *house*, בָּקָר *herd*, עָם *people*, צֶבֶא *host*, קָהָל *assembly*, קִרְיָה *city*, &c., which almost invariably take a verb in the plural.

(b) Some plural nouns, conveying a distributive or partitive sense, have a verb agreeing with them in the singular, as יְרֵי מְאֹרוֹת *let there be lights* in the firmament of heaven, Gen. 1. 14, i. e. the several lights ; וְיָרִי יָרִי *and his hands was (were) firm*, i. e. each of his hands, Ex. 17. 12 ; וְעֵינֵיהֶם יֵצֵא בְּחֵלֶב *their eyes standeth (stand) out with fatness*, i. e. each of their eyes, Ps. 73. 7 ; חֲכָמוֹת נָשִׁים בְּנִתָּה בֵּיתָה *wise women buildeth her house*, i. e. every wise woman, Prov. 14. 1. So a noun sing. with a verb plur., as בְּרִית־קָרְאָנָה מִלְחָמָה *when there shall happen (pl.) war*, i. e. any war, Ex. 1. 10.

(c) Several connected nominatives, though of the sing. number and of different genders, usually take a verb plural masculine, as 'and Moses, Aaron and Hur עָלוּ *ascended*,' Ex. 17. 10 ; 'for even the husband and wife יִלָּכְדוּ *shall be taken*, Jer. 6. 11 ; 'Manoah and his wife רָאוּ *saw*,' Jud. 13. 20 ; חֶסֶד וְאֱמֶת נִפְגְּשׁוּ *mercy and truth are met together*, Ps. 85. 11.

(d) Anomalies of gender also in the concord of verbs are sometimes met with, as פִּילְגֶּשׁ רִלָּה *the concubine bore*, 1 Chron. 2. 48 ; וְהָא בָּנֹת יֵצְאוּ *if the daughters go out*, Jud. 21. 21 ; וְהָא עָלֶיךָ רָעָה *and evil come upon thee*, Is. 47. 11 ; וְהָא בְּנֵי־הָעָם יִשְׁמָעוּ *and the cry is heard among the nations*, Jer. 50. 46 ; וְהָא מְלוֹחֲדֶיךָ עָלֶיךָ *and thy widows*,

ye shall trust in me, Jer. 49. 11, where there is an enallage of gender and person both at once; *אמרה קהלת saith the Preacher*, Eccl. 7. 27; *ותהיה חוק and it became a custom*, Jud. 11. 39.

2. The *pluralis excellentiæ* usually, but not uniformly, takes a verb in the singular, as *ברא אלהים God created*, Gen. 1. 1; *בעליו יומת his owner shall be put to death*, Ex. 21. 29; *אם אדניו יתורנו אשה if his master have given him a wife*, Ex. 21. 4. In some cases, however, we find the plural employed, as *התעו אמי אלהים God made me to wander*, Gen. 20. 13; *נגלו אליו האלהים God appeared unto him*, Gen. 35. 7.

3. Of two nouns in regimen the verb sometimes agrees in *form* with the latter, but in *sense* with the former, as *קול דמי אחיך צועקים the voice of thy brother's blood cries (pl.) to me from the ground*, Gen. 4. 10; *מספר שנים נצפנו the number of years are (is) hidden*, for *נצפן* Job 15. 20; *רוב שנים ידועי חכמה multitude of years should teach wisdom*, for *ידוע* Job 32. 7; *קול נגידים נחבא the voice of the nobles hid itself*, for *נחבא* Job 29. 10; *ובאו המדות כל-הגוים and the desire of all nations shall come*, for *באו* Hag. 2. 7.

§ 163. Regimen.

1. *Government of the Accusative.* Active transitive verbs govern the accusative case, which is usually indicated by the particle *את* (*אתה*), as *ויהודה לא-ירצו את-אפרים and Judah shall not vex Ephraim*, Is. 11. 13, where if it were not for the *את* the sentence might be rendered '*and Ephraim shall not vex Judah.*'

2. The particle *את* does not always denote the accusative, it being sometimes a preposition equivalent to *עם* *with*, as *שכבת את-אבותיך thou shalt sleep with thy fathers*, 2 Sam. 7. 12; *קניתי איש את-יהוה I have gotten a child with the Lord*, i. e. with the blessing and help of the Lord. It is also sometimes used as a mere expletive before the nominative, as *ובא הארי ואת-הדוב and there came a lion and a bear*, 1 Sam. 17. 34.

3. A large proportion of the Hebrew verbs transitive govern their accusatives by the intervention of the prepositions *ב*, *ל*, or *מ*, especially verbs of *serving, choosing, apprehending, despising, protecting, chiding, meeting, urging, &c.*, as *כל-אדם הוזה בו all men shall look upon it*, Job 36. 25; *ונגזרת החזק במוסר lay fast hold of instruction*, Prov. 4. 13; *ונגדתי על-העיר הזאת and I will protect this city*, 2 Kings 20. 6; so *Joab and Abishai his brother slew Ab-*

ner, 2 Sam. 3. 30; יִרְאֵתִי אֶת־הָעָם *I feared the people*, 1 Sam. 15. 24. So in other instances too numerous to specify.

4. Many verbs in Hebrew, especially those of *asking, teaching, clothing*, and such as have a *causative* meaning generally, govern two accusatives, as תִּוְרַח נָא אֶת־הַכֹּהֲנִים *ask now the priests* (concerning) *the law*, Hag. 2. 11; לְמַדְּרֵת אֶת־הָעָם *he taught the people knowledge*, Eccl. 12. 9; יַשְׁמִיעַ דְּבָרִי אֶת־עַמִּי *they make my people to hear my words*, Jer. 23. 22; וַיִּלְבֹּשׁ אוֹתוֹ בְּגָדֵי־שֵׁשׁ *and he clothed him with garments of fine linen*, Gen. 41. 42; עָשָׂה שָׁחַר עֵרָפָה *that maketh the morning, darkness*, Am. 4. 13.

§ 164. MODES.

Infinitive.

1. *Infinitive Absolute.* This is used for the most part with a finite tense of the same verb for the purpose of expressing intensity, assurance, certainty, habitual action, &c., as מוֹת תָּמוּת *dying thou shalt die*, Gen. 2. 17; שָׂרָף שָׂרָף *he is surely torn in pieces*, Gen. 37. 33; וַיְבָרֶךְ בְּרוּךְ אַתָּה *shalt thou surely reign?* Gen. 37. 8; וַיֵּלֶךְ עֲלֶה וְבָכָה *they went up continually weeping*, 2 Sam. 15. 30; וַיֵּצֵא יָצֹא וָשׁוּב *and it continued going and returning*, Gen. 8. 7.

2. The infinitive absolute is sometimes used instead of a finite verb for any mood, tense, or person, as 'the living creatures יָצֹא וָשׁוּב *ran and returned*, Ezek. 1. 14; זָכוֹר אֶת־יוֹם הַשַּׁבָּת *remember the Sabbath day*, Ex. 20. 9; מָרְדְּנוּ וְסוּר *we have rebelled and apostatized*, Dan. 9. 5; וְאֶתְּחַסּ חוֹצֵיא מִתּוֹכָהּ *and I will bring you out of the midst of her*, Ezek. 11. 7; 'fields shall they buy, וְכָתוּב *and they shall write bills of sale*, וְהָחוּס *and they shall seal them*, וְהָיָה *and take witnesses*, Jer. 32. 44.

3. In some cases the inf. abs. has an adverbial sense, or one akin to that of the Latin gerund, as הָיָל וְכָלָה *incipiendo et finiendo*, i. e. utterly, Eng. vers. 'when I begin, I will also make an end,' 1 Sam. 3. 12; וַיִּשְׁמַע וַיִּשְׁמַע וַיִּשְׁמַע וַיִּשְׁמַע וַיִּשְׁמַע *by cursing, and disseminating, and murdering, and committing adultery they break out*, Hos. 4. 2; וַיִּשְׂרִיבוּ בְּחִירוֹתָם *play skilfully with a loud noise* (benefaciendo), Ps. 33. 3. In some few cases the form of the Inf. is used absolutely in the strictest sense of the term, that is, without any connexion of dependence upon any other word, as 'the Lord made a covenant with Abraham, לֵאמֹר *saying*,' &c.

4. *Infinitive Construct.* The Inf. const. has all the leading properties of a noun, and is used like one in construction, position, government and form, as הָיָה הָאָדָם הַזֶּה *the being of the man* alone is not good, Gen. 2. 18 ; עָשָׂה צְדָקָה *the doing of righteousness* is more acceptable, &c., Prov. 21. 3 ; וְהָיוּ לְעֹבְדֵי *and let them be for serving*, Num. 7. 5 ; וְתִהְיֶה לְהִבָּמָצַח *it shall be for being pierced through*, Ezek. 30. 16 ; וְתִדְעָה אֶת־הַיָּדָעָה שִׁבְתִּי וְקוּמִי *thou knowest my down-sitting and my up-rising*, Ps. 139. 2 ; וְבִבְאִי מִפָּדָן *in my coming from Padan*, Gen. 48. 7 ; וְשָׁמַר אֶת־דַּעֲוִי *in the coming of the wicked*, Prov. 18. 3 ; וְאֶת־דַּעֲוִי אֶת־מִשְׁמַר *from sinning*, Ps. 39. 2 ; וְהָיוּ מִתּוֹר הָאָרֶץ *from searching of the land*, Num. 13. 25.

5. The following examples will show more fully the structure of the Inf. const. with suffixes : עַד שׁוּבָהְךָ *until thy return*, Jud. 6. 18 ; וְעַל־חֲתָרְנוֹן אֶלִּי *on account of thy being enraged against me*, Is. 37. 29 ; אַחֲרֵי הוֹלִידוֹ *after his begetting him*, Gen. 5. 4 ; עַל אַמְרֶךָ *on account of thy saying*, Jer. 2. 35 ; בְּיָמֵי שֹׁפֵט הַשְּׁפָטִים *in the days of the judges' judging*, Ruth 1. 1.

6. *Peculiar use of the Inf. Const. with הָ.* This will be best illustrated by examples, as וַיֵּרֶד הַשֶּׁמֶשׁ לְבוֹא *and the sun was for going down*, i. e. about to go down, Gen. 15. 12 ; ' he that is wise לְמַצָּא *for finding prosperity*,' i. e. findeth, Prov. 19. 8 ; וַיִּהְיֶה יְהוָה *Jehovah (will be) for the delivering of me*, Is. 38. 20 ; וַיִּהְיֶה יְהוָה *Jehovah (will be) for the teaching of them*, Ps. 25. 14 ; ' and it came to pass לְשַׁעַר הַשֹּׁעַר *at the shutting of the gate*,' i. e. when the gate was to be shut, Josh. 2. 5 ; מָה לַעֲשׂוֹת לָךְ *what (is) to be done for thee ?* 2 Kings 4. 13 ; הֲלֹא־יִשְׁעֵי הַלְרָשָׁע לְעֹזֹר *should one help the wicked ?* 2 Chron. 19. 2 ; לֹא־יִהְיֶה לָהֶם *he could not dispossess them*, Jud. 1. 19.

7. Both the Genitive of the subject and the Accusative of the object are found in connexion with the Inf. const., as בְּיוֹם עֲשׂוֹת אֶרֶץ וְשָׁמַיִם *in the day of Jehovah's making the earth and the heavens*, Gen. 2. 4 ; יוֹם עֲנֹת אָדָם נַפְשׁוֹ *a day of a man's afflicting his soul*, Is. 58. 5 ; חִמְלָךְ אֶת־דְּבַר־אִישׁ *in the king's hearing of the word of the man*, 1 Kings 13. 4 ; בִּפְתּוֹחֵי אֶת־קְבְּרוֹתֵיכֶם *in my opening of your graves*, Ezek. 37. 13.

§ 165. Tenses.

1. As the Hebrew has but two tenses, viz. the Preter and the Future, it is evident that in order to express the various shades of meanings indicated in other languages by the Imperfect, Pluperfect,

Aorist, &c., they must have been used with a latitude of import peculiar to themselves. Accordingly we find the Preter employed,

(a) For the Perfect in its strict and appropriate use, as *מִי הִגִּיד לְךָ* *who has told thee?* Gen. 3. 11; *לָמָּה יָרַדְתָּ* *why hast thou come down?* 1 Sam. 17. 28.

(b) For the Imperfect, or historic tense, as *בַּעֲתָ הָחַיָּא שְׁלַח* *at that time he sent*, 2 Kings 20. 12; *בָּרָא אֱלֹהִים* *God created*, Gen. 1. 1; *רַחֵל הָיְתָה יְפִת־תֹּאֵר* *Rachel was beautiful of form*, Gen. 29. 17.

(c) For the Pluperfect, as 'God ended his work *אָשַׁר עָשָׂה* *which he had made*,' Gen. 2. 2; 'Jehovah *לֹא הִמְטִיר* *had not caused it to rain*,' v. 5; 'only the high place the people *לֹא סָרוּ* *had not removed*,' 2 Kings 15. 35.

(d) For the Present, especially in verbs signifying *quality*, as *גָּדֹל* *is great*, *קָטָן* *is small*, *חָכָם* *is wise*, or such actions as are *habitually* performed, as 'blessed is the man who *לֹא הֹלֵךְ* *walketh not*, *עֹמֵד* *standeth not*, *לֹא יֹשֵׁב* *sitteth not*,' Ps. 1. 1; 'whoso mocketh the poor *הִרְפָּה* *reproacheth* his Maker,' Prov. 17. 5.

(e) For the Future, especially in predictions, protestations, and assurances, as 'the people who have walked in darkness *רָאוּ* *shall see* (lit. have seen) a great light,' Is. 9. 1; 'to thy seed *יִתְּתִי* *will I give* (lit. have I given) this land,' Gen. 15. 18; 'behold *בֵּרַכְתִּי* *will I bless him* (lit. have blessed him),' Gen. 17. 20.

2. When the Preter is connected by the particle *וְ* with a preceding Future or Imperative, it conforms in signification to such preceding tense or mode, and must be rendered accordingly; thus, 'and it shall come to pass *וְאָמַר לְכֶם פֶּרְעֹה* *when Pharaoh shall call you and shall say*,' Gen. 46. 33; *וְאָמַרְתָּ* *say and say*, Lev. 27. 2. The Vav in such cases stands before the nominative to the verb, as *וְעֵינַי רָאוּ* *and my eyes shall see*, Job 19. 27.

3. The Future, besides its appropriate office of indicating future time, serves also,

(a) To designate the present tense, as *לֹא יוּכַל* *he cannot*, Jer. 14. 9; *לֹא אֲדַע* *I know not*, 1 Kings 3. 7; *מַה תִּבְקֹשׁ* *what seekest thou?* Gen. 37. 15; *בֶּן חָכָם יַשְׁמִית אָב* *a wise son maketh a glad father*, Prov. 15. 20.

(b) The Future is employed where in English the various auxiliaries *may, can, might, could, would, should, &c.*, would naturally

occur, as *מי יאמר who can say?* Prov. 20. 9; *אשר לא תעשיתה which ought not to be done*, Lev. 4. 2; 'God is not a man *that he should lie*,' Num. 23. 19; *ואשלחך that I might send thee away*, Gen. 31. 27.

(c) For the Optative, especially with the particle *נא*, as *יגמל-נא O that it might end*, Ps. 7. 10; *תשוב-נא O that it might return*, 1 Kings 17. 21; *מי ישימני שפט who will constitute me judge?* i. e. *O that I were appointed judge*, 2 Sam. 15. 4.

(d) For the Imperfect, particularly in prohibitions, dehortations, positive precepts, &c., as *אל תירא fear not*, Gen. 46. 3; *לא תרצח thou shalt not kill*, Ex. 20. 13; *אל תחטא do not sin*, Ps. 4. 5; *אל תשליכני cast me not away*, Ps. 51. 13; *אל תיראה אלהיך fear the Lord thy God*, Deut. 6. 13.

4. With *Vav conversive* the Future has the signification sometimes of the Past, and sometimes of the Present, as *ויאמר אלהים and God said*, Gen. 1. 3; *ישבתי ואבכה ואתאבלתי I sat down and wept and mourned*, Neh. 1. 4; *הנה המלך בכה ויהאבל behold the king weeps and mourns*, 2 Sam. 19. 2.

§ 166. IMPERSONAL VERBS.

1. The third pers. masc. sing. often, and occasionally the fem. of both the Pret. and Fut. tenses is used impersonally, as *ויהי and it happened*, *מר לי it is bitter to me*, *תרה לו it was hot to him*, i. e. *he was enraged*, Ps. 18. 8; *אל רע בעיניך let it not be evil in thine eyes*, Gen. 21. 12; *ותצר לדוד and it was grievous to David*, 1 Sam. 30. 6; 'a field upon which *it shall not rain*,' Am. 4. 7; *היה (pass.) it was begun*, Gen. 4. 26.

2. An idiom of very frequent occurrence is the use of verbs with indefinite nominatives, requiring the supply of *איש aliquis, vir, viri*, or some such word in order to complete the sense, as *קרא שמה על-יו קרא therefore (one) called its name Babel*, Gen. 11. 9; *ויאמר ליוסף and (one) told Joseph*, i. e. *it was told*, Gen. 48. 1; *לא מצא (one) found not a help meet for the man*, i. e. *there was not found*, Gen. 2. 20; *כאשר ישאל בדרך האלהים as if (one) should inquire at the oracle of God*, 2 Sam. 16. 23; *והגידו and they told Saul*, i. e. *certain men told*, 1 Sam. 19. 21; *והוסיפו they shall add years to thy life*, i. e. *years shall be added to thy life*, Prov. 9. 11.

The usage in this case is strikingly analogous with that of *on* in French, *man* in German, and *λεγουσιν* in Greek. See a parallel idiom in the Greek Testament, Luke 12. 20, and 16. 9.

§ 167. *Peculiar idioms of Verbs.*

1. *Use of הָיָה*. As the Hebrew is destitute of any word which properly signifies *to have*, that idea is expressed by הָיָה followed by לְ indicating the possessor, as לְעֶשְׂרִי הָיָה צֹאן there was to a rich man a flock, i. e. a rich man had a flock, 2 Sam. 12. 2; כִּי תִהְיֶינָה לְאִישׁ שְׁתֵּי נָשִׁים when two wives shall be to any man, i. e. when any man shall have two wives, Deut. 21. 15; וְלֹא הָיָה מַיִם לְעֵדָה and there was not water to the congregation, i. e. the congregation had not water, Num. 20. 2.

2. The same verb followed by לְ often indicates the passing or conversion of the subject into a new state or condition, usually expressed in English by the word *be, became, be made, &c.*, as הָמָּח וְהָיָה לִי לְעָם they shall be to me for a people, Jer. 31. 33; וְהָיָה לְבָשָׂר אֶחָד and they shall become one flesh, Gen. 2. 24; וְהָיָה לְמִטָּה בְּכַפּוֹ and it became a rod in his hand, Ex. 4. 4; וְהָיָה לָדָם בְּיַדְכֶם and let them be blood on the dry land, Ex. 4. 9.

3. The words קָם *to rise*, נָשָׂא *to lift up or raise*, פָּנָה *to turn*, and a few others, are often used pleonastically before other verbs, as וַיָּקָם וַיֵּלֶךְ and he rose and went; וַיִּשָּׂא עֵינָיו וַיֵּרָא and he lifted up his eyes and saw; וַיֵּצֵא וַיִּפְּן and he turned and went out; וַיִּשָּׂא אֶת רַגְלָיו and he lifted up his feet and went.

4. Nouns derived from the same root with the verb are often added pleonastically, as וַיִּדְרַךְ יַעֲקֹב נֶדֶר and Jacob vowed a vow, Gen. 28. 20; וַיִּדְרַךְ בְּכָה בְּכִי גָדוֹל he wept a great weeping, Is. 38. 3; וַיִּתְרַד יִצְחָק and Isaac trembled (with) a great trembling, Gen. 27. 33.

5. *Constructio Pregnans*. This is a term applied to phrases which imply more than the words literally express, though there is no direct ellipsis, as מִן־רַגְלֵי רַמִּים עֲנִיתִנִּי answer (and deliver) me from the horns of the unicorns, Ps. 22. 22; לְאַרְצָא תִלְלֵנִי מִשְׁכְּנִי שָׁמָּה to the earth have they (cast down and) defiled thy tabernacle, Ps. 74. 7; וַיִּתְּנָהּ לֵנוֹ וַיַּחַדְלֵהּ לֵנוֹ and God changed (his heart and gave) to him another heart, 1 Sam. 10. 9.

§ 168. PARTICIPLES.

1. Participles are used in Hebrew as nouns, as adjectives, and as verbs; and follow, according to the sense in which they are employed, the rules of these respective parts of speech. They are often used in a very unlimited sense, requiring, in rendering, the pronouns *whoso, whoever, he that, &c.*, to be supplied, as אָהַב מוֹסֵר אֱהָב יָדָעָה *whoso loveth instruction loveth knowledge*, Prov. 12. 1; בָּטַח עַל יְהוָה *he that trusteth in the Lord*, shall be made fat, Prov. 28. 25.

2. In conjunction with the verb of existence (הָיָה) it forms an imperfect tense descriptive of continued action or condition, as אֲבִנֶה הָיָה מְתַחַנֵּס *Abner was strengthening himself*, 2 Sam. 3. 6; וַיְהִי דָוִד עֹשֶׂה מִשְׁפָּט *and David was exercising judgment*, 2 Sam. 8. 15; וַיְהִי מְבַדֵּל *and let it be dividing*, Gen. 1. 6.

3. Active participles, though they sometimes govern the accusative of their object like verbs, yet are more frequently put in regimen and govern the following noun in the genitive, as יוֹשְׁבֵי בֵיתְךָ *inhabiters of thy house*, Ps. 84. 5; רֹאֵי פְנֵי הַמֶּלֶךְ *seers of the face of the king*, Est. 1. 14. So also נַפְשָׁא מְשִׁיבָה *restorative of the soul*, מְחַבְּרָה פְּתִי *instructive of the simple*, Ps. 19. 8. In the following cases, though the participle be in regimen, the noun is properly in the case absolute, viz. נָשִׂי פָשַׁע *forgiven of (as to) transgression*, כְּסִיף חֲסָא *covered of (as to) sin*, Ps. 32. 1; נֶכַח רַגְלָם *smitten of (as to) feet*, 2 Sam. 4. 4; קָרַע בְּגָדִים *rent of (as to) clothes*, 2 Sam. 13. 31; מְלַחֵמָה מְלֻמָּד *instructed or skilled of (as to) war*, Cant. 3. 8.

4. The construct participle frequently governs its noun by the intervention of a preposition, as מְשַׁבְּרֵי בֹקֶר *who rise early in the morning*, Is. 5. 11; הֹלְכֵי עַל־דֶּרֶךְ *the walkers of upon the way*, i. e. those who go on the way, Judg. 5. 10.

5. Many passive participles, and those of intransitive verbs, instead of governing the following noun by means of a preposition, convert it into a genitive, and are themselves put in regimen, as מֵצֵאת יֵצֵא הַתֵּיבָה *goers out of the ark, for from the ark*, Gen. 9. 10; מִכָּה אֱלֹהִים *smitten of God, for by God*, Is. 53. 4; הִגְרָה שֵׁט *girded of sackcloth*, for *with sackcloth*, Joel 1. 8; שֹׁכְבֵי קֶבֶר *reposers of the sepulchre*, for *in the sepulchre*, Ps. 88. 6; שְׂעֵר עִירוֹ *enterers of the gate of his city*, for *into the gate*, Gen. 23. 10; יוֹרְדֵי בּוֹר *goers down of the pit*, for *into the pit*, Is. 38. 18.

6. In like manner they are constructed with a suffix pronoun, as בָּאִירָהּ *her comers*, for *those coming to her*, Prov. 2. 19; בְּבִרְכָּתוֹ *is blessed*, for *blessed of him*, מְקַלְלֵהוּ *his cursed*, for *cursed of him*, Ps. 37. 22; כְּרָאִירָהּ *her invited*, for *invited by her*.

§ 169. PARTICLES.

1. As nearly all the particles were originally nouns, it is not surprising to find them often employed in their primitive nominal character: thus the negative לֹא sometimes occurs as equivalent to *nil*, *nothing*, as עַתָּה הֲרִיתֶם לֹא for *now ye are nothing*, i. e. your consolations are of no avail. So the negative בְּלִי or בְּלֹתִי from בָּלָה *to wear out*, *to be reduced to nothing*, has frequently the force of *consumption*, *abolition*, *doing away*, especially when conjoined with a preposition, as עַד-בְּלִי יָרַח even *to the abolishing of the heavens*, i. e. to the time when the heavens shall be abolished. So with other particles, as בְּעוֹד יוֹמָם *in the duration of the day*, i. e. while it is yet day, Jer. 15. 9; בְּעוֹדִי *in my enduring*, i. e. while I live, Ps. 146. 2; בְּכָל-מְאֹדָה *with all thy might*, Deut. 6. 5; אֲנֹכִי לְבַדִּי *I to my solitude*, i. e. I alone.

2. Adverbs thus standing as nouns take prepositions before them in the same manner as nouns, as אֶל-דָּחַנָם *gratis*, Ezek. 6. 10; בְּפֹתָאִם *suddenly*, 2 Chron. 29. 36; בְּכֹחַ *thus, so*, 1 Kings 22. 20; בְּכֵן *so*, Est. 4. 16.

3. Two negatives in Hebrew strengthen the negation, as הֲמִבְּלִי אֵין קְבָרִים בְּמִצְרַיִם *because there were no graves at all in Egypt?* Ex. 14. 11; אֵין כֶּסֶף לֹא נִחְשָׁב *silver was not at all regarded*, 1 Kings 10. 21. On the other hand, the negative is sometimes omitted in the latter clause of a sentence if inserted in a former, as יְהוָה אֶל-בְּמַצָּפָה תוֹכִיחֵנִי *O Lord rebuke me not in thy wrath, and chasten me (not) in thy hot displeasure*, Ps. 38. 2; כִּי לֹא לְנֶצַח יִשְׁכַּח אֲבִירִי תְקוּנָה עֲנִיִּים *for the needy shall not always be forgotten, the expectation of the poor shall (not) perish forever*, Ps. 9. 19.

4. The particles לֹא and אֵין (אֵין) *not*, when used with כֹּל *all* denote a universal negation, equivalent to *none*, *no one*, *no one at all*, as כָּל-אִישׁ לֹא יָשֵׁב בָּהֶן *every man shall not dwell therein*, i. e. no man. Jer. 51. 43, כָּל-הָעָם לֹא טַעַם כָּל-הָעָם לָחֶם *the whole people shall not taste food*, i. e. not one of the whole people, 1 Sam. 14. 24; כֹּל אֵין לְרֵשׁ *to the poor man was not every thing*, i. e. the poor man had nothing, 2 Sam. 12. 3.

5. The repetition of an adverb denotes intensity, as מְאֹד מְאֹד *very much*, Gen. 7. 19; מֵעֵלָה מֵעֵלָה *higher and higher*, Deut. 28. 43; מִטָּח מִטָּח *lower and lower*, id. ; הֵנָּה וְהֵנָּה *hither and thither*, 1 Kings 20. 40.

6. The preposition בֵּין when it relates to the several particulars included in a noun plural, is placed in immediate connection with that noun, and is used but once, as בֵּין הַפְּזִירִים *between the pieces*, Gen. 15. 17; בֵּין אֶחָיִם *among brethren*, Prov. 6. 19; but when it relates to two distinct nouns then the particle must be repeated before each of the nouns, as בֵּין הָאוֹר וּבֵין הַחֹשֶׁךְ *between the light and between the darkness*, Gen. 1. 4, or בֵּין is placed before the first noun, and the second receives the prefix ל, as בֵּין מַיִם לַמַּיִם *between the waters and the waters*, Gen. 1. 6; בֵּין-דָּם לְדָם *between blood and blood*, Deut. 17. 8.

APPENDIX I.

THE INVESTIGATION OF THE ROOT.

An accurate acquaintance with the structure of the different classes of verbs will generally discover the root. The difficulties are mostly confined to the more anomalous forms of the verbs, particularly those in which the letters ך and ך are assimilated, and to the nouns, which in the best Lexicons are inserted in etymological instead of alphabetical order. The following remarks may be of service.

1. If when the prefixes, suffixes, heemantiv, and paragogic letters, &c., are rejected, *three* letters remain, they commonly constitute the root.

2. If but *two* letters remain, the root may generally be found by prefixing ך or ך, inserting ך or ך, doubling the last letter, or adding ה to the end. Which of these methods is to be taken it may not, in many cases, be easy for the learner to determine, but he will be assisted by recollecting, (1) That if the first has a dagesh its root commonly begins with ך, as נָשׂ, (רָנָשׂ), R. מָנָשׂ, R. מָנָשׂ, R. מָנָשׂ, R. מָנָשׂ, or with ך, as צָב, (מָצָב), R. רָצָב. In one verb קָח, רָקָח, &c., the first radical is לָ, לָקָח. (2) If the second has a dagesh, the dageshed letter is to be doubled, as סָבַר R. סָבַר. (3) If neither of the letters has a dagesh, ך is to be inserted, as קָחָה R. קָחָה.

3. When only one radical letter remains the root will usually be found by adding ך to the beginning, and ה to the end, as מָשָׁך R. מָשָׁך.

4. The roots of most words beginning with מוּ, מוּ, &c. have ך for their first radical, as מוּשָׁב R. מוּשָׁב, מוּרָה R. מוּרָה.

5. Nouns which end in ך or ך are commonly derived from verbs ending in ה, as פָּרָה R. פָּרָה, חוּן R. חוּן.

APPENDIX II.

THE MASORA, AND MASORETIC APPURTENANCES TO THE SACRED TEXT.

The word *Masora* (pron. Masòra) is of doubtful origin. It occurs in Rabbinical Hebrew, under the threefold form מְסוֹרָה, מְסוֹרָה, מְסוֹרָה. By some it is referred to the root מָסַר *to bind, fasten, or confine with bonds*. If this be admitted, the true form of the original word is מַאֲסוֹרָה, of which מְסוֹרָה occurring Ezek. 20. 37, 'I will cause you to pass under the rod, and will bring you into the *bond* (מְסוֹרָה) of the covenant,' is merely a contraction. The signification of מְסוֹרָה is *an enclosure, a place of confinement or custody*, and in this application imports a *fence, hedge, or enclosure*, built around the Law to guard it from wilful or accidental corruption, and to preserve its integrity unimpaired in the slightest particular.

Others again maintain that the term is derived from מָסַר *tradere, to deliver from hand to hand*, and from thence *to teach*, Num. 31. 5, 'So there were *delivered* (וַיִּמְסְרוּ) out of the thousands of Israel a thousand of every tribe.' Ver. 16, 'These *caused* the children of Israel *to commit trespass* (וַיְהִי לְמַסֵּר מַעַל *were (a cause) to teach rebellion*),' the only two places in the Bible in which the word occurs. Traced to this origin, the term *Masora* is equivalent to *tradition*, and the object of its authors was to *deliver down* to posterity the incorrupt and authentic Scriptures as they had received them from their fathers.

We may then define the *Masora* to be a collection of critical remarks by the ancient Jewish doctors, originally contained in separate books, but afterwards appended to the sacred text, treating of its verses, words, letters, vowel-points, and accents, and designed to secure more effectually its preservation in a pure and unadulterated state. These annotations, of which the true authors and dates are equally unknown, are inserted in Buxtorf's and Bomberg's editions of the Heb. Bible, partly in immediate connection with the text and partly at the close of each of the several books.

The subject-matter about which the *Masora* is more especially conversant is, (1) The verses, words, letters, vowels, and accents of the Heb. text, and (2) The *Qeri* and *Kethiv*, or various readings.

In regard to the *Verses*, the *Masorites* have numbered all in each book and section ; placing the amount at the end of every one in numeral letters, or in some symbolical word formed out of them ; and marking also the middle verse of every book. They have noted, moreover, how many times and in what instances the same verse was repeated, how many begin with such and such letters, and various other trifling particulars of the same kind, which serve only to show to what extent mere laborious puerilities may be mistaken for enlightened criticism.

As to *Words*, they distinguish those that are fully from those that are defectively written, noting particularly the former class, which is of less frequent occurrence : e. g. in Gen. 1. 12, they remark, that *וַיִּצְאָה* *produced* occurs twice with the Vav inserted, as here ; that *וַיִּצְרָה* *formed*, Gen. 2. 7, occurs only in this place with two Yods instead of one ; that *וַיִּסְבְּבֵהוּ* *encompassed*, Jon. 2. 4, 6, occurs in this form defectively written instead of *וַיִּסְבְּבֵהוּ* nine times ; and so of innumerable other words. They indicate, moreover, how often particular words occur in the beginning, middle, or end of verses, and in some cases how often certain words are met with in the whole Bible.

As to *Letters*, they paid a particular attention to their number, situation, and size ; indicating those which appeared in larger character than the rest of the word, as *אֶחָד* and *שֶׁמֶלֶךְ* Deut. 6. 4, of which there are about thirty instances in the entire Scriptures, and those also that are less than the usual size, of which there are about the same number, as *בְּהַבְרִיאָם* Gen. 2. 4. Besides these, usually termed the *literæ majusculæ* and *minusculæ*, they noted such as were *inverted* (*inversæ*), as *בְּיָמָיו* Num. 10. 35, and such as were *suspended* (*suspensæ*), as *מִתְעַרֵּר* Ps. 80. 14. In all these cases the *Masorites* found deep mysteries couched under these various irregularities, the trifling character of which will excuse the recital of them.

In respect to the *Vowel-points*, they specified any remarkable peculiarity ; as for instance in the word *לְאוֹר* Gen. 1. 5, they remark, that the Lamed occurs seven times with Kamets, lest the reader should suppose it was so pointed by mistake for *לֵךְ*, of which there are thirteen instances in the Heb. Bible. So in regard to *וַיִּקְרָב* Jon. 1. 6, they observe that the word appears in all fifty times with final Pattah.—These may serve as specimens of their labors in this department.

As to the *Accents*, the following may serve as a sample of the Masoretic annotations. The word *son*, they observe, always has Tseri when marked by the tone-accent, but before Maqqeph, which throws off the tone, it takes Segol. This is the general rule; but the *Masora* points out seventy instances where *son* has Segol, though bearing the tone, and four where it retains Tseri, even before Maqqeph.

For fuller information on the manner in which the above subjects are treated in the *Masora*, see Buxtorf's *Tiberias*, Carpzovius's *Critica Sacra*, and Leusden's *Philologus Hebræus*.

Qeri and Kethiv.

These are terms applied by way of contradistinction to the textual and marginal readings of particular words. The term *Kethiv* (Heb. כְּתִיב *written*, from כָּתַב *to write*) is applied to the former, and *Qeri* (Heb. קָרָא *read*, from קָרָא *to read*) to the latter. These various readings, according to Elias Levita, amount in all to between 800 and 1000. The fact of a various reading is indicated by a small circle or star over the word in the text. Thus Ps. 74. 11, the word חֲרוֹק is marked in the text by a circle pointing to the margin, where we find the reading חֲרוֹקָה given. The marginal word is generally accompanied by the unpointed word קרי *read* written out full, or by the letter ק, a contraction for קרי. Where an entire word is omitted in the text its appropriate vowel points remain with a small circle or star over them, indicating that it is supplied in the margin. Thus Judg. 20. 13, we find the text written וְלֹא אָבִי בְּנֵימִן לִשְׁמָע but—of Benjamin would not hearken, while the margin supplies the lacking word בְּנֵי sons—'but the sons of Benjamin would not hearken.' In such cases the words וְלֹא אָבִי קרי *read but not written* accompany the marginal reading. Where the word was conceived by the Masorites to be superfluous in the text it is left unpointed, as Ezek. 48. 16, חֲמֵשׁ חֲמֵשׁ מֵאוֹת וְאַרְבַּעַת אֲלָפִים *four thousand and five (five) hundred*. This is called וְלֹא קרי *written but not read*.

Abbreviations.

In some editions of the Hebrew Bible we meet with numerous marginal abbreviations, such as א"ב, ב"ב, ג"ג, &c., apparently indicating different readings. Such in fact is their use. They point out the differences in the vowels, accents, &c., in the different

copies. Thus Ps. 1. 1. (Frey's Ed.) we find on the margin אֲשֶׁרִי נ"א i. e. other copies read אֲשֶׁרִי (instead of אֲשֶׁרִי), where נ"א is a contraction for נִכְח אֲחֵר *another copy*. In other cases they stand for the names of individuals of high repute in the Jewish schools who have proposed different readings, as בֶּן נַפְתָּלִי for ב'נ Ben Naphtali, i. e. son of Naphtali, אֲשֶׁר for א'א Ben Asher, i. e. son of Asher, &c. The contractions are generally formed of the initials of the several words represented. On this subject Buxtorf's Treatise *De Abbreviaturis* may be consulted.

Extraordinary Points.

A few cases occur of words anomalously pointed, as וַיִּשְׁקָחוּ Gen. 33. 4. This peculiarity probably originated in the conceit of some mysterious or specially emphatic signification couched under such words.

Pisqâ (פִּסְקָא).

This term, signifying separation, is applied to the open space sometimes left in the middle of the line, an instance of which occurs Gen. 35. 22, where a space of nearly the length of a line comes in between the words וַיִּהְיֶה and יִשְׂרָאֵל.

Sectional Divisions.

It is supposed that the sacred text was not originally distinguished by any artificial divisions of chapters, sections, or verses, but that at comparatively a late period, perhaps in the time of Ezra, the Pentateuch, in order that it might be publicly read through in the Sabbaths of a year, was divided into fifty-four sections, termed *greater sections*. These sections are indicated by three large P's, פ פ פ, or by three Sameks, ס ס ס, and are termed *Parashas*, or (Heb. פָּרָשָׁה, pl. פָּרָשֹׁת) *Parashoth, separation, section, division*, from Chal. פָּרַשׁ *to distinguish, divide, discriminate*). Each of these larger sections is further denoted by its first, or first important, word, which serves as a title to it. Thus the title of the first Parasha in Genesis is בְּרֵאשִׁית *in the beginning*, the word with which it begins; that of the second, Gen. 6. 9, נֹחַ *Noah*; that of the third, Gen. 12. 1, לְךָ-לְךָ *go for thyself*, &c. These titles are generally written as a running caption at the head of the page immediately after the title of the book. Of the Parashas there are 12 in Genesis, 11 in Exodus, 10

in Leviticus, 10 in Numbers, and 11 in Deuteronomy, making 54 in all. It is probable that the Heb. names of the books of the Pentateuch, viz. *בְּרֵאשִׁית*, *שְׁמוֹת*, *וַיִּקְרָא*, *בְּמִדְבָּר*, *דְּבָרִים* were originally the titles of the sections or Parashas with which they coincide.

These larger sections were again divided into smaller partitions denoted by *פ* the first letter of *פְּתוּחָה* *open*, i. e. those which begin from the beginning of a line, and *ס* the first letter of *סְתוּמָה* *close*, or *סְמוּכָה* *conjoined*, i. e. such as commence in the midst of a line, separated from the foregoing by the space only of three or four words. In the printed copies, however, *פ* is often found in the close sections and *ס* sometimes in the open ones, and both might be safely omitted altogether. It is only out of deference to Jewish custom and prejudice that they are retained.

In designating the larger sections the triple Samek *ס ס ס* is used instead of *ס ס ס* wherever the section would otherwise have been *close* and denoted by *ס*. They are the first letters of the word *סֵדֶר* *order* or *rank*.

The divisions in the Prophets corresponding to the Parashas in the Law, are termed *Haphtaroth* *הַפְּטָרוֹת* *dismissals*, from *פָּטַר* *to dismiss*, implying that when the due portion was read the people were to be *dismissed* from the synagogue. Hence the reader of the section for the day was called *הַמְּפַטֵּר* *the dismitter*.

The last and minor division of the Hebrew Scriptures is into *verses*. These are called by the Jews *Pesuqim* (Heb. *פְּסוּקִים*, pl. *פְּסוּקִים* *cessations*, from *פָּסַק* *to cease*). They are denoted in the original text by two large points at the end (;) called *Soph-Pasuq*, i. e. *the end of the verse*; as *לְיִרְוֶשׁ אֶת־יְהוָה ;* *to seek the Lord*. It is invariably accompanied by the accent *Silluq* (,) placed under one of the three last letters of the verse. See § 15. I, 1, *a*, *b*, 1. § 17. 2, *g*, 2, *note*.

APPENDIX III.

GRAMMATICAL ANALYSIS OF GEN. I.

V. 1. *בְּרָאשִׁית*, *בְּ* prefix preposition with dagesh lene §§ 146. 1, 2, *a*. 12. 9, *b*. *רָאשִׁית* § 124. 2, from *רָאשׁ*.—*בְּרָא*, verb *בָּרָא* from *בָּרָא* § 91; dag. len. in *ב* § 12. 9, *b*.—*אֱלֹהִים*, fr. sing. *אֱלֹהִים* § 125. 2, also 9, *c*. § 157. 2.—*אֵת*, a sign of the accusative § 156. 5.—*שְׁמַיִם*, fr. *שָׁמַיִם* (dual form) with the article *ה* §§ 126. 3. 29. 1, 2. 12. 1, 2; for the tone § 21. 7, *c*.—*וְאֵת*, *אֵת* as above, and pref. or conjunction *וְ* § 147. 1.—*הָאָרֶץ*, fr. segolate noun *אָרֶץ* § 118. 1; for Kamets (,) under *א* § 29. 5. § 22. 2, *a*, *b*; for the article *הַ* (for *הָ*) § 29. 2.

V. 2. *וְהָאָרֶץ*, as above, with pref. *וְ* as above.—*הָיְתָה* 3 pers. fem. sing. pret. Kal from *הָיָה* verb *הָיָה* § 95. 1, with the Paradigm; for Metheg under *ה* (*הַ*) § 17. 1, *b*.—*תְּחִלָּה*, seg. n. § 118. 3, *c*; *ת* without dag. len. § 12. 9, *b*.—*בְּהוֹי*, fr. *בְּהוֹי* seg. noun § 118. 3, *c*; for pref. *בְּ* § 147. 1, *b*.—*וְהוֹשֶׁהָ* (pron. *vehoshek*), with pref. *וְ* § 147. 1, and *וְהוֹשֶׁהָ* seg. n. § 118. 1, 3, *a*.—*עַל־*, preposition, joined to the word following by *Maqqeph*, for which see § 16.—*פְּנֵי*, const. masc. plur. of *פָּנִים* § 127. 3, *d*; dag. len. in *ע* § 12. 9, *b*.—*תְּחִלָּה*, fr. the same; dag. len. omit. in *ת* § 12. 9, *b*.—*וְרִיחָהּ*, fr. *רִיחָהּ*, and pref. *וְ* as above; for *Pat-tah* under *ח* §§ 11. 127. 1.—*אֲלֹהִים*, as above.—*מְרִחֶצֶת*, part. fem. Piel (§ 36. 3, *b*.) fr. *רִיחָהּ* verb *ע* gutt. §§ 61. 25. 8; for fem. term. *חַ* (which agrees with *רִיחָהּ*) § 36. 4.—*וְהָיָה*, fr. *הָיָה* with art. *הַ* as above; for (,) under *מ* § 22. 2, *a*.

V. 3. *וַיֵּאמֶר*, fr. *יֵאמֶר* v. *אָמַר*, 3 fut. Kal with *וְ* conv. § 54. 1, 2. §§ 35. III, 1, 2; for *וְ* (instead of *וְ*.) under *מ* § 21. 8, *a*.—*יְהִי* 3 masc. fut. apocopated K. fr. *הָיָה* v. *הָיָה* § 96. 3, *d*. § 95. 3.—*אֹרֶךְ*, n. fr. the same.—*וַיְהִי*, see *יְהִי* and *וַיֵּאמֶר* above; for dag. forte omitted in first *י* § 35. III, 1.

V. 4. *וַיֵּרָא*, fut. apoc. K. fr. *רָאָה* v. *רָאָה* § 96. 3, *a*, *c*; also § 95. 3.—*אֵת*, see *אֵת* above; for (,) und. *א* §§ 16. 1, 2, 3. 156. 5.—*וְהָאֹרֶךְ*, fr. *אֹרֶךְ* as above; for *הַ* § 29. 2.—*כִּי־*, conj. *that*, dag. len. in *כ*.—*טִיבִי*, Lexicon.—*וַיְבָרֶךְ*, fut. apoc. Hiph. fr. *בָּרַךְ* § 35. II, 1, *a*; for *וְ* conv. see above; for dag. len. in *וְ* § 12. 9, *a*.—*בֵּין*, prep., with dag. len. in *ב*.—*וַיְבָרֶךְ*, for pref. *וְ* instead of *וְ* § 147. 1, *d*.—*וְהוֹשֶׁהָ*, fr. *וְהוֹשֶׁהָ* as above, with the art. *הַ* § 29. 3.

V. 5. **וְיִקְרָא**, fut. K. fr. **קָרָא** v. א"ל § 91; for **י** conv. see above. — **לְאוֹר**, fr. n. **אוֹר** as above; for pref. **ל** § 146. 2, *d*. § 29. 4. — **יֹדֵעַ** Lex. — **וְלֹחֶשֶׁת**, fr. **חָשַׁךְ** as ab., with pref. **ו** (§ 147. 1.) and **ל** § 29. 4 and 3. 146. 2, *d*. — **לְיָרֵחַ**, n. fr. **יָרֵחַ** with **ח** par. § 150; for (**י**) under the first **ל** § 22. 2, *a*. — **עָבָר**, seg. n. § 118. 1. — **בְּקָר**, seg. n., dag. len. omitted in **ב** § 12. 9, *b*. — **אָחָד**, § 138. 1.

V. 6. **וְיִקְרָע**, n. fr. **קָרַע** § 119. *e*; Pat. furt. und. **ע** § 11. — **בְּחוֹךְ**, fr. seg. n. **חָוָה** § 118. *d*; § 127. 3, *f*; pref. **ב** § 146. 1, 2, *a*. — **וְיִדְעָה**, fr. **יָדָעָה** v. ח"ל as ab.; for the pref. **ו** (for **י**) § 147. 1, *c*. — **מִבְּדִירֵל** (for **מִבְּדִירֵל**), part. Hiph. fr. **בָּדַל** § 46. 36. 3, *b*. 26. 2; dag. len. in **ד**. — **לְמִקְרָא**, fr. **מִקְרָא**; for (**י**) under pref. **ל** § 146. 2, *e*; for (**י**) under **מ** § 22. 2, *a*.

V. 7. **וְיִרְעֶשׂ**, fut. apoc. K. fr. **רָעַשׂ** v. ח"ל § 96. 3, *a*. § 95. 3; **ו** conv. see ab. — **וְהִקְרִיעַ**, for **ה** (inst. of **ה**) see v. 1, **וְהִקְרִיעַ**; for **ע** § 11. — **אֲשֶׁר**, § 30. III. — **מִתְחַח**, fr. **תַּחַח**, and **מ** (for **מָן**) § 146. 2, *g*. § 12. 1, 4. — **וְיִקְרִיעַ**, for pref. **ל** § 29. 2, 4. 146. 2, *d*. — **מִעַל**, fr. **עַל** as ab., and **מ** (for **מָן**) § 146. 2, *g*. — **וְיִקְרִיעַ**, see ab.; **כ** part.; **כ** without dag. len. § 12. 9, *b*.

V. 8. **וְשָׁמַעַם**, see ab.; for **מ** § 22. 2, *a*. — **שָׁמַעַם**, fr. **שָׁמַעַם** § 138. 1, *b*. § 139. 1.

V. 9. **וְיִקְרֶה**, fut. Niph. fr. **קָרַח** § 95, Par.; § 40. 2. § 39. 1. — **אֶל**, prep.; for Maq. (**י**) § 16. — **מִקְרָא**, n., Lex. — **וְיִקְרָא**, 3 fem. fut. Niph. with pref. **ו** fr. **קָרָא** § 53. 2. — **וְיִקְרָא**, fr. **קָרָא** n. with art. **ה** § 29. 1, 2.

V. 10. **וְיִקְרָא**, with pref. **ל** which ex. the art. § 29. 4. 146. 2, *d*. — **וְיִקְרָא**, masc. sing. const. fr. **קָרַח** § 124. 2, (2). 127. 3, *c*; for **י** and **ל** pref. § 147. 1, *d*. 146. 2, *a*. — **רִמָּים**, masc. pl. of **רֵם**, dag. f. in *m*.

V. 11. **וְיִקְרָא**, 3 fut. fem. apoc. Hiph. fr. **קָרָא** v. א"ל § 35. II, 1, *a*, *d*. — **וְיִקְרָא**, seg. n. § 118. 1, 3, *a*. — **עָשָׂב**, seg. n. — **וְיִקְרָע**, part. Hiph. fr. **קָרַע** v. ח"ל gutt. § 36. *b*. 64. *b*, with Par., also § 11. — **וְיִקְרָע**, seg. n. — **עָץ**, n. const. § 127. 1. — **פָּרִי**, seg. n. § 118. 3, *c*. — **עָשָׂה**, act. part. K. from **עָשָׂה** § 95. 2, (*e*), with Parad. — **פָּרִי**, for dag. *forte* in **פ** § 12. 6. — **וְיִקְרָע** fr. n. **קָרַע** § 118. 2, *d*. with pref. **ל**, and suff. **ו** § 133. 2, *a*, with Parad. — **וְיִקְרָע**, fr. **קָרַע** as above, and suff. pron. **ו** § 118. 2. 133. 2, *c*. — **בִּי**, pref. **ב** and suff. **ו** § 152. 1. 153.

V. 12. **וְיִקְרָא**, 3 fem. sing. apoc. Hiph. fr. **קָרָא** v. א"ל § 35. II, 1, *d*. 70. 1, *c*, with Par.; **י** conv. — **וְיִקְרָע**, fr. **קָרַע** as ab.; for suff. **ו** (for **ו**) § 133. 2, *f*. — **עָשָׂה**, see above.

V. 13. **וְיִקְרָע**, § 139. 1. 138. 1.

V. 14. **וְיִקְרָע** (for **וְיִקְרָע** § 6, Remarks 4, 5), fem. pl. n. fr. **קָרַע** § 125. 3; for **מ** § 27. 1, 8. § 162. 1, *b*. — **וְיִקְרָע**, const. n. fr. **קָרַע** as

ab., ב pref. § 146. 2, *b*, also § 27. 8.—לְהַבְדִּיל, inf. const. Hiph. fr. בְּרֵל § 45. 1, 2, with Par.; dag. len. in ד, ל pref.—יַבְיָב, above.—הֶלְיָלָח, (as v. 5.) with the art.—וְהָיָה (fr. v. חָיָה, § 95. 1, with Par.; ו conv. pret. § 35. V, 1.—לְאוֹתָהּ (for לְאוֹתוֹת § 6, Rem. 4, 5), fem. pl. n. fr. אוֹת, with pref. לְ. —וּלְמוֹעֲדֵיהֶם, pl. masc. (§ 125. 2.) fr. מוֹעֵד, with ו and ל pref. §§ 147. 1, d. 146. 2, *a*. —וּלְקָמִים, pl. m. fr. קָמָה § 125. 5. —וְשָׁנִים, plur. masc. of שָׁנָה fem., §§ 124. 3. 125. 4.

V. 15. לְמֵאוֹרוֹת, as above; for ל (inst. of לְ) § 146. 2, *b*. —לְהֵאָרֵר, inf. Hiph. fr. אָרַר (§§ 32. 3, 4, *e*. 37. 1.) § 80, with Par.; pref. לְ.

V. 16. וַיַּעַשׂ, as ab.—שָׁנִי, § 138. 1, with Rem. *b*, also § 141. 1.—וְהַנְּדָלִים, masc. plur. adj. fr. נָדָל with art. ה; § 160. 1; for נ (instead of נָ) § 27. 1, 6, 8.—וְהַמֵּאוֹר הַנְּדוֹל, fr. מֵאוֹר and נָדוֹל as ab., with the art.—לְמִשְׁלָה, n. sing. fem. const. fr. מִשְׁלָה, with pref. לְ; for ה. § 132.—הַקָּטָן, fr. קָטָן with art.—וְהַלְיָלָח, fr. לָיִל ח, parag. § 150. ח art.—וְהַכּוֹכָבִים, plur. masc. from כּוֹכֵב.

V. 17. וַיִּהְיֶה, fut. K. with ו conv. fr. נָהָךְ v. פָּ' § 66. 1, with Par.; 67. 2.—אָחָם, fr. אָח, with suff. ך, § 153.—הַשְּׂמָרִים, §§ 126. 3. 22. 2, *a*. —לְהֵאָרֵר, as above.

V. 18. וְלִמְשַׁל, inf. const. fr. מִשַּׁל § 33. 2, also § 38; for לְ pref. § 146. 2, *b*; ו pref. conjunc.—בְּיוֹם, fr. יוֹם, §§ 29. 4. 146. 2, *d*. —וּבְלֵילָהּ, fr. לַיִל, with parag. ה, §§ 29. 4. 146. 2, *d*; for pref. ו see above.—וּלְהַבְדִּיל, for ו see preceding word; לְהַבְדִּיל as above.

V. 19. וְיָבִיעַר, § 139.

V. 20. וַיִּשְׁרָצוּ, 3 m. plur. K. fr. שָׂרָץ.—שָׂרָץ, seg. n.—נָפֶשׁ, seg. n. חַיָּה, fem. adj. of חַי, fr. חָיָה (v. ע doubled); for dag. forte § 12. 2, 4.—עוֹף, Lex.—וַיַּעֲפֹף, 3 fut. Piel fr. עָף (§ 32. 3, 4, *e*), § 80. 4, with Parad.—עַל-פָּנָי as above.

V. 21. וַיִּבְרָא, fut. K. fr. בָּרָא (§ 125. 2.), fr. בָּרָא.—פָּנָיו, (fr. פָּנָה), § 19. 1, *b*. § 16. 1, 2, 3.—וְחַיָּה, as ab., with the art., § 29. 3.—וְהָרָמָשׁ, act. part. fem. K. fr. רָמַשׁ § 36. 1-4; for art. ה and its punctuation §§ 155. 2. 29. 2.—וַיִּשְׁרָצוּ, fr. שָׂרָץ § 38.—לְמִינֵהֶם (quasi for לְמִינֵיהֶם), fr. n. מִין, and לְ pref. as ab., suff. ך § 134. 4; also Parad. § 133.—פָּנָה, as above.—פָּנָה, Lex.

V. 22. וַיִּרְבֶּךְ, fut. Pi. fr. רָבַךְ with ו conv. §§ 59. 61. 35. III, 1. 21. 8, *a*. —לְאֹמֶר (for לְאָמֹר), inf. const. K. fr. אָמַר (as ab.), § 54. 2. 26. 2. 146. 2, *c*. —פָּרוּ, 2 masc. imp. K. fr. פָּרַח § 95. 1, with Par.—וַיִּרְבּוּ, fr. רָבַח, same form as the preceding word, ו (for ו) conj. see above.—וּמִלְאָה, 2 masc. imp. K. fr. מָלָא (מָלֵא?), § 37. 1, 2. § 38.—וַיִּמְרֹס, see רָמַס above; pref. ב § 29. 4.—וַיִּרְבּוּ, fut. apoc. K. fr. רָבַח,

§ 96. 3, with *a*. § 35. II, 1, *c*.—בְּאֶרֶץ, fr. אָרֶץ as above, pref. בְּ excludes the article.

V. 23. חֲמִישִׁי, § 139.

V. 24. חוֹצֵא, see חוֹצֵא above.—חֲמִישִׁי, fr. חֵיץ, with pref. חֲ as ab.; for חֵי, suff. § 133, with Parad.—בְּחִמָּה, Lex.—וְרָמֶשׁ seg. n.; for pref. וְ (for וּ) § 147. 1, *b*.—חֲרִיתוֹ (for חֲרִית) fr. חֲרִיח as above; for וּ parag. § 134. 7; for dag. forte omitted in וּ § 9. 7.

V. 25. חֲרִית, fem. const. of חֲרִיח, see above.—בְּחִמָּה, from חֲמָה with the article.

V. 26. נִעְשָׂה, 1 pers. plur. fut. Kal, fr. עָשָׂה, v. ע gutt. and ל' , § 52. 3. 95. also § 53.—אָדָם, Lex.—בְּצִלְמִנּוֹ, fr. צִלָּם, seg. n.; נָגַד suff. § 133, with Parad.—בְּדַמִּיתוֹ, fr. דָּמָה (§ 124. 2), Root דָּמָה; suff. נָגַד as above; for pref. בְּ § 146. 1, 2, with *b*; for dag. len. in בְּ § 12. 9. *b*.—וְיִרְדּוּ, 3 plur. fut. K. fr. יָרַד § 95. 1, with Parad.; וְ conj.—בְּדִגָּתָהּ, const. (§ 127. 3, *b*) fr. דִּגָּה fem. n. § 129, FEMININE; for the omission of dag. len. in בְּ and נָ § 12. 9, *b*, 10, *a*, *b*.—וְיָעוֹף, וְיָעוֹף as above; pref. וְ; for וּ § 147. 1, *d*.—וְיִבְחָמָה, וְיִבְחָמָה as above, בְּ pref. excludes the art. as above; וּ as above.—וְיִבְכֶּלֶת, fr. בָּל as above.—וְרָמֶשׁ, act. part. K. fr. רָמַש § 36. 1–3, with *a*; for וּ § 29. 2, also § 155. 2.

V. 27. בְּצִלְמִנּוֹ, וּ suff. § 133, with Par., צִלָּם as above.—אֲחִיו, § 152. 3, with § 153.—וְזָכָר וְנִקְבָּה, זָכָר, both nouns; for pref. וּ, above.—אֲחִים, as above.

V. 28. וְיִרְבּוּ, ver. 22.—לָהֶם, § 152. 1, 5. § 153.—וְיִמְלֹא, as above.—וְיִכְבְּשׁוּהָ (for וְיִכְבְּשׁוּהָ) § 6. 4, 5), 2 masc. imp. K. fr. כָּבַש; for suff. הָ § 105. 1, 2. § 109. 1, with Note.—וְיִרְדּוּ, 2 masc. imp. K. fr. יָרַד (as above) with pref. וּ. בְּדִגָּתָהּ, as above; for dag. len. § 12. 9, *b*.—וְיִרְמָשׁוּהָ, as above.

V. 29. חֲרִיתָהּ, § 154. 1.—נִתְחַרֵּי, 1 sing. pret. K. fr. נָחַץ v. ח' § 38. 1, *a*.—לָכֶם, § 152. 5. 153.—אֲחִי-בֶל-עֶשֶׂב, § 16. 1, 2.—וְזָרַע, act. part. K. § 36. 1, 3, *a*; for עָ § 11. 1.—וְזָרַע as above.—בּוֹ as above.—פָּרִי, dag. len. omitted in בְּ § 12. 9, *b*.—וְזָרַע (same as וְזָרַע above), § 22. 2, *a*, *b*.—וְיִחְרְדּוּ, 3 fut. K. fr. חָרַד (as above) § 95, Parad.—לְאִמָּהּ (§ 19. 1, *a*, *b*), fem. n. fr. אָמָל § 27. 1, 4, 5, 14.

V. 30. וְיִבְכֶּלֶת, בָּל (בָּל) as above, with וְ and לְ prefixes, as ab.—רָמֶשׁ, act. part. K. as above.—רָרַק, seg. n. used as an adjec.—סוֹבֵב, Lex.—בְּמִדּוֹ, § 136. 2, *a*.—חֲשֵׁשׁוֹ § 139.

